

Set	Items	Description
S1	12	AU='SHAFRON T J':AU='SHAFRON THOMAS JOSHUA'
File 347:JAPIO Nov 1976-2004/May(Updated 040903)		
(c) 2004 JPO & JAPIO		
File 348:EUROPEAN PATENTS 1978-2004/Sep W03		
(c) 2004 European Patent Office		
File 349:PCT FULLTEXT 1979-2002/UB=20040930,UT=20040923		
(c) 2004 WIPO/Univentio		
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200462		
(c) 2004 Thomson Derwent		

1/5/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01600890

METHOD AND SYSTEM OF FACILITATING ON-LINE SHOPPING USING AN INTERNET BROWSER
VERFAHREN UND SYSTEM ZUR ERMOGLICHUNG VON ONLINE-SHOPPING MIT EINEM INTERNET-BROWSER
PROCEDE ET SYSTEME FACILITANT LES ACHATS EN LIGNE UTILISANT UN NAVIGATEUR INTERNET

PATENT ASSIGNEE:

Yahoo| Inc., (3203401), 701 First Avenue, Sunnyvale, California 94089,
(US), (Applicant designated States: all)

INVENTOR:

SHAFRON, Thomas, Joshua , 1455 Ocean Drive, Apt. 1208, Miami Beach, FL 33139, (US)

LU, Qi, 20847 Russell Lane, Saratoga, CA 95070, (US)

BALDUA, Ashish, 5308 Canyon Hills Lane, San Jose, CA 95138, (US)

LEGAL REPRESENTATIVE:

Gervasi, Gemma, Dr. (40516), Notarbartolo & Gervasi GmbH, Bavariaring 21, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1444627 A2 040811 (Basic)
WO 2003038554 030508

APPLICATION (CC, No, Date): EP 2002780533 021028; WO 2002US34509 021028

PRIORITY (CC, No, Date): US 15816 011101

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030702 A2 International application. (Art. 158(1))

Application: 030702 A2 International application entering European phase

Application: 040811 A2 Published application without search report

Examination: 040811 A2 Date of request for examination: 20040601

LANGUAGE (Publication,Procedural,Application): English; English; English

1/5/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01556360

METHOD AND SYSTEM FOR REMOTELY MODIFYING SCRIPTS OVER A NETWORK
PROCEDE ET SYSTEME PERMETTANT DE MODIFIER A DISTANCE DES MESSAGES INFORMATISES AU SEIN D'UN RESEAU

PATENT ASSIGNEE:

Yahoo Inc., (4000740), 701 First Avenue, Sunnyvale, CA 94089, (US),
(Applicant designated States: all)

INVENTOR:

SHAFRON, Thomas Joshua , 1455 Ocean Drive, Apt. 1208, Miami Beach, FL 33139, (US)

STAIB, Christopher, 185 Sturges Ridge Road, Wilton, CT 06897, (US)

PATENT (CC, No, Kind, Date):

WO 2003007170 030123

APPLICATION (CC, No, Date): EP 2002748146 020712; WO 2002US22209 020712

PRIORITY (CC, No, Date): US 904300 010712

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-015/16

CITED PATENTS (WO A): US 6023723 A ; US 6222826 B1; US 6301342 B1; US 6313732 B1; US 4935956 A

CITED REFERENCES (WO A):

US 5659593 A
US 5615323 A
US 6125105 A

NEGRI J.: 'Business aware management suite ...a radically different approach to management' PANACYA 24 June 2002, pages 1 - 16, XP002958231

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030319 A1 International application. (Art. 158(1))
Application: 030319 A1 International application entering European phase
Application: 040901 A1 International application. (Art. 158(1))
Appl Changed: 040901 A1 International application not entering European phase
Withdrawal: 040901 A1 Date application deemed withdrawn: 20040213
LANGUAGE (Publication,Procedural,Application): English; English; English

1/5/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01390396

**A METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM
VERFAHREN UND SYSTEM ZUR VERWALTUNG DER BETRIEBSMITTEL EINES
ANWENDUNGSPROGRAMMS**

**PROCEDE ET SYSTEME DE GESTION DES RESSOURCE D'UN LOGICIEL D'APPLICATION
PATENT ASSIGNEE:**

Yahoo, Inc., (2541692), 701 First Avenue, Sunnyvale, CA 94089, (US),
(Applicant designated States: all)

INVENTOR:

SHAFFRON, Thomas, J., 1455 Ocean Drive, apt.1208, Miami Beach, Florida
33139, (US)

LEGAL REPRESENTATIVE:

Gervasi, Gemma, Dr. (40516), Notarbartolo & Gervasi GmbH, Bavariaring 21,
80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1305709 A1 030502 (Basic)
WO 2001095104 011213

APPLICATION (CC, No, Date): EP 2001941630 010524; WO 2001US16993 010524

PRIORITY (CC, No, Date): US 587075 000602

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-009/45; G06F-009/445

CITED PATENTS (WO A): US 5499335 A ; US 6025836 A ; US 6188995 B1; US
6216153 B1

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020206 A1 International application. (Art. 158(1))
Application: 020206 A1 International application entering European phase
Application: 030502 A1 Published application with search report
Examination: 030502 A1 Date of request for examination: 20021219
LANGUAGE (Publication,Procedural,Application): English; English; English

1/5/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01164895

**A METHOD OF CONTROLLING AN INTERNET BROWSER INTERFACE AND A CONTROLLABLE
BROWSER INTERFACE**

**VERFAHREN ZUR KONTROLLE EINER INTERNET-BROWSER-SCHNITTSTELLE UND EINE
KONTROLLIERBARE BROWSER-SCHNITTSTELLE**

**PROCEDE PERMETTANT DE CONTROLER L'INTERFACE D'UN NAVIGATEUR INTERNET ET
INTERFACE DE NAVIGATEUR CONTROLABLE**

PATENT ASSIGNEE:

Yahoo, Inc., (2541691), 3420 Central Express Way, Santa Clara, California
95051, (US), (Applicant designated States: all)

INVENTOR:

SHAFRON, Thomas J. , 800 High School Way #341, Mountain View, CA
94041-1985, (US)

LEGAL REPRESENTATIVE:

Thevenet, Jean-Bruno et al (39781), Cabinet Beau de Lomenie 158, rue de
l'Universite, 75340 Paris Cedex 07, (FR)

PATENT (CC, No, Kind, Date): EP 1145157 A1 011017 (Basic)
WO 200025239 000504

APPLICATION (CC, No, Date): EP 99971122 991028; WO 99US25332 991028

PRIORITY (CC, No, Date): US 106002 P 981028

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-017/21; G06F-015/00

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 000628 A1 International application. (Art. 158(1))

Application: 000628 A1 International application entering European
phase

Application: 011017 A1 Published application with search report

Examination: 011017 A1 Date of request for examination: 20010529

Change: 020619 A1 Inventor information changed: 20020502

LANGUAGE (Publication,Procedural,Application): English; English; English

1/5/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01008573 **Image available**

ONLINE SHOPPING USING BROWSER, WALLET, AND KEY

PROCEDE ET SYSTEME FACILITANT LES ACHATS EN LIGNE UTILISANT UN NAVIGATEUR
INTERNET

Patent Applicant/Assignee:

YAHOO! INC, 701 First Avenue, Sunnyvale, CA 94089, US, US (Residence), US
(Nationality)

Inventor(s):

SHAFRON Thomas Joshua , 1455 Ocean Drive, Apt. 1208, Miami Beach, FL
33139, US,

LU Qi, 20847 Russell Lane, Saratoga, CA 95070, US,

BALDUA Ashish, 5308 Canyon Hills Lane, San Jose, CA 95138, US

Legal Representative:

DECARLO James J (et al) (agent), Stroock & Stroock & Lavan LLP, 180
Maiden Lane, New York, NY 10038, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200338554 A2-A3 20030508 (WO 0338554)

Application: WO 2002US34509 20021028 (PCT/WO US0234509)

Priority Application: US 200115816 20011101

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MY NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22412

English Abstract

A method of modifying an Internet browser interface (30) to provide shopping assistant functionality facilitating on-line shopping at a supported merchant Internet site. A wallet created in accordance with the present invention comprises a database having various user data stored therein under certain predetermined field names. A supported merchant data file identifies a plurality of supported merchants and enables the modified browser interface to determine when a shopper has navigated to a supported merchant web site (26). For each supported merchant, a rules and mapping file is created that may be used in connection with the wallet to map user-provided information in the wallet to corresponding fields in the merchant's check-out web page. When a user navigates to a supported merchant web site and desires to purchase merchandise and/or services from that merchant, the wallet automatically fills out the merchant's check-out web page(s), thereby simplifying on-line shopping and particularly, the check-out process.

French Abstract

L'invention porte sur un procede de modification de l'interface d'un navigateur Internet pour conferer a un assistant commercial des fonctions facilitant les achats en ligne sur un site Internet commercial. Le portefeuille cree dans le cadre de l'invention comporte une base de donnees ou sont enregistrees differentes donnees utilisateurs sous certains noms de champs predetermines. Un fichier associe identifie une serie de vendeurs associes et permet a ladite interface de determiner quand un acheteur a aborde l'un desdits sites. Pour chaque vendeur associe, on cree un fichier de regles et de correspondance s'utilisant en liaison avec le portefeuille de maniere relier les informations utilisateur du portefeuille aux champs correspondants de la page WEB des controles du vendeur. Quand un utilisateur aborde un site vendeur du WEB, et desire acquerir des marchandises ou des services, le portefeuille remplit automatiquement la ou les pages WEB des controles du vendeur, ce qui simplifie l'achat en ligne et en particulier le processus d'etablissement desdits controles.

Legal Status (Type, Date, Text)

Publication 20030508 A2 Without international search report and to be republished upon receipt of that report.
Search Rpt 20031211 Late publication of international search report
Republication 20031211 A3 With international search report.
Republication 20031211 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.
Examination 20031231 Request for preliminary examination prior to end of 19th month from priority date

1/5/6 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00977164 **Image available**

METHOD AND SYSTEM FOR REMOTELY MODIFYING SCRIPTS OVER A NETWORK

PROCEDE ET SYSTEME PERMETTANT DE MODIFIER A DISTANCE DES MESSAGES INFORMATISES AU SEIN D'UN RESEAU

Patent Applicant/Assignee:

YAHOO INC, 701 First Avenue, Sunnyvale, CA 94089, US, US (Residence), US (Nationality)

Inventor(s):

SHAFFRON Thomas Joshua , 1455 Ocean Drive, Apt. 1208, Miami Beach, FL 33139, US,

STAIB Christopher, 185 Sturges Ridge Road, Wilton, CT 06897, US

Legal Representative:

DIBERNARDO Ian (et al) (agent), Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200307170 A1 20030123 (WO 0307170)

Application: WO 2002US22209 20020712 (PCT/WO US0222209)

Priority Application: US 2001904300 20010712

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12006

English Abstract

A method and system for enabling a script (220) on a first computer (200) to communicate and exchange data with a script (320) on a second computer (300) so as to provide access by the script to data typically inaccessible by a script. The method and system enable a first computer (200) to control the Internet navigation of a second computer (300), and also enable instant messaging between a first computer and a member of a synchronization group. The computers may be connectable with each other over any type of network (e.g., LAN, WAN, intranet, Internet, Cellular, etc.).

French Abstract

Cette invention concerne un procede et un systeme permettant au script (220) d'un premier ordinateur (200) de communiquer et d'echanger des donnees avec le script (320) d'un second ordinateur (300), le script donnant ainsi acces a des donnees auxquelles il ne peut generalement pas acceder. Ce procede et ce systeme permettent a un premier ordinateur (200) de piloter la navigation sur Internet d'un second ordinateur (300) et de transmettre instantanement des messages entre un premier ordinateur et un groupe de synchronisation. Les ordinateurs peuvent etre connectes l'un a l'autre par n'importe quel type de reseau (tel que LAN, WAN, intranet, Internet, cellulaire, etc.).

Legal Status (Type, Date, Text)

Publication 20030123 A1 With international search report.

Publication 20030123 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Examination 20030417 Request for preliminary examination prior to end of 19th month from priority date

1/5/7 (Item 3 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00861485 **Image available**

**A METHOD AND SYSTEM FOR MANAGING THE RESOURCES OF AN APPLICATION PROGRAM
PROCEDE ET SYSTEME DE GESTION DES RESSOURCE D'UN LOGICIEL D'APPLICATION**

Patent Applicant/Assignee:

YAHOO INC, 701 First Avenue, Sunnyvale, CA 94089, US, US (Residence), US
(Nationality)

Inventor(s):

SHAFFRON Thomas J , Apt. #1601, 1483 Sutter Street, San Francisco, CA
94109, US

Legal Representative:

DECARLO James J (et al) (agent), Stroock & Stroock & Lavan LLP, 180
Maiden Lane, New York, NY 10038, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200195104 A1 20011213 (WO 0195104)

Application: WO 2001US16993 20010524 (PCT/WO US0116993)

Priority Application: US 2000587075 20000602

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/45

International Patent Class: G06F-009/445

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9885

English Abstract

A software resource manager (75) is stored on a client computer (50) and maintains a map of unique identifiers to resources, so as to determine those resources that are stored locally on the client computer and those resources that must be retrieved from a server system. The resource manager is further programmed to either pass the resources to one or more software applications (70) or respond to a function call from the software application indicating that resources are needed. In this way, one or more software applications can be internationalized or customized without the need to distribute all of the resources for the application and without the need to distribute all of the resources for the application and without the need to restart the application.

French Abstract

L'invention concerne un gestionnaire (75) de ressources logicielles qui est stocke dans un ordinateur (50) client et tient a jour une table de correspondances entre des identificateurs uniques et des ressources, de maniere a determiner quelles ressources sont stockees localement dans l'ordinateur client et quelles ressources doivent etre recuperees dans un systeme serveur. Le gestionnaire de ressources est en outre programme soit pour passer les ressources a une ou plusieurs applications (70) logicielles soit pour repondre a un appel de fonction emis par l'application logicielle, indiquant que des ressources sont requises. De cette maniere, une ou plusieurs applications logicielles peuvent etre internationalisees ou personnalisees sans qu'il soit necessaire de distribuer la totalite des ressources destinees a l'application et sans qu'il soit necessaire de redemarrer l'application.

Legal Status (Type, Date, Text)

Publication 20011213 A1 With international search report.

Publication 20011213 A1 Before the expiration of the time limit for
amending the claims and to be republished in the
event of the receipt of amendments.

00561866 **Image available**

A METHOD OF CONTROLLING AN INTERNET BROWSER INTERFACE AND A CONTROLLABLE BROWSER INTERFACE

PROCEDE PERMETTANT DE CONTROLER L'INTERFACE D'UN NAVIGATEUR INTERNET ET INTERFACE DE NAVIGATEUR CONTROLABLE

Patent Applicant/Assignee:

YAHOO! INC,

Inventor(s):-

SHAFRON Thomas J

Patent and Priority Information (Country, Number, Date):

Patent: WO 200025239 A1 20000504 (WO 0025239)

Application: WO 99US25332 19991028 (PCT/WO US9925332)

Priority Application: US 98106002 19981028

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML
MR NE SN TD TG

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/21; G06F-015/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 16634

English Abstract

The present invention is directed to a method of dynamically controlling and displaying an Internet browser interface (20), and to a dynamically controllable Internet browser interface (20). In accordance with the present invention, a browser interface (20) may be customized using a controlling software program (120) that may be provided by an Internet content provider, an ISP, or that may reside on an Internet user's computer (50). The controlling software program (120) enables the Internet user, the content provider, or the ISP to customize and control the information and/or functionality of a user's browser (72) and browser interface (20) by downloading or creating a library file (74) on the Internet user's computer (50) that includes an interface object (40). The interface object (40) can display various options (44) available on a toolbar (42), including a text input field (46) that allows the user to perform a search.

French Abstract

Cette invention concerne un procede permettant de controler et d'afficher dynamiquement l'interface d'un navigateur Internet (20), ainsi qu'une interface de navigateur Internet dynamiquement controlable. D'apres la presente invention, l'interface d'un navigateur (20) peut etre personnalisee en utilisant un logiciel de controle (120) qui peut etre distribue par un fournisseur de contenu Internet, un fournisseur d'accès Internet, ou qui peut etre resident dans l'ordinateur de l'utilisateur Internet (50). Le logiciel de controle (120) permet a l'utilisateur Internet, au fournisseur de contenu ou fournisseur d'accès de personnaliser et de controler les informations et/ou la fonctionnalite du navigateur (72) et de l'interface du navigateur (20) d'un utilisateur, en telechargeant ou en creant un fichier bibliotheque qui comprenne un objet d'interface (40) dans l'ordinateur de l'utilisateur (50). L'objet d'interface (40) peut afficher plusieurs options (44) disponibles dans une barre d'outils (42), y compris un champ de saisie (46) qui permet a l'utilisateur d'effectuer une recherche.

1/5/9 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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015292297 **Image available**
WPI Acc No: 2003-353230/200333
XRPX Acc No: N03-282150

Data communication method in computer network, involves downloading computer code including script and active X control to computer, and to transmit received user data to server for transmission to another computer

Patent Assignee: YAHOO INC (YAH0-N); SHAFRON T J (SHAF-I); STAIB C (STAI-I)
Inventor: SHAFRON T J ; STAIB C
Number of Countries: 100 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030014479	A1	20030116	US 2001904300	A	20010712	200333 B
WO 200307170	A1	20030123	WO 2002US22209	A	20020712	200333
AU 2002318319	A1	20030129	AU 2002318319	A	20020712	200452

Priority Applications (No Type Date): US 2001904300 A 20010712

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030014479	A1	29	G06F-015/16	
WO 200307170	A1 E		G06F-015/16	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
AU 2002318319 A1 G06F-015/16 Based on patent WO 200307170

Abstract (Basic): US 20030014479 A1

NOVELTY - A computer code including script (220) and active X control (210) are downloaded to a computer (200). The script operable in connection with the computer to access the control function, receives data input by user and outputs to the active X control which in turn communicates the data to a server (100). The server in response transmits the received data to another computer (300).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) data communication system; and
- (2) computer.

USE - For communicating and exchanging data with script such as Java script, VB script, between computers (claimed) in network.

ADVANTAGE - Provides increased functionality and is more robust as greater flexibility and freedom of the active X control is available to provide script access. Hence the interconnectivity between and among the computers connected in the network is improved.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of the computers connected to each other through server.

server (100)
computers (200,300)
active X-control (210)
script (220)
pp; 29 DwgNo 1/13

Title Terms: DATA; COMMUNICATE; METHOD; COMPUTER; NETWORK; COMPUTER; CODE;
SCRIPT; ACTIVE; CONTROL; COMPUTER; TRANSMIT; RECEIVE; USER; DATA; SERVE;
TRANSMISSION; COMPUTER

Derwent Class: T01; W01

International Patent Class (Main): G06F-015/16

File Segment: EPI

DIALOG(R) File 350:Derwent WPIX
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015238116 **Image available**
WPI Acc No: 2003-299042/200329
Related WPI Acc No: 2000-365207; 2003-266591
XRPX Acc No: N03-237827

On-line shopping facilitation method involves comparing security key which is previously received from shopper with another key, based on which wallet is communicated to user computer

Patent Assignee: YAHOO INC (YAHOO-N); BALDUA A (BALD-I); LU Q (LUQQ-I);
SHAFRON T J (SHAF-I)

Inventor: BALDUA A; LU Q; **SHAFRON T J**

Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020186255	A1	20021212	US 99429585	A	19991028	200329 B
			US 200115816	A	20011101	
WO 200338554	A2	20030508	WO 2002US34509	A	20021028	200331
EP 1444627	A2	20040811	EP 2002780533	A	20021028	200452
			WO 2002US34509	A	20021028	

Priority Applications (No Type Date): US 200115816 A 20011101; US 99429585
A 19991028

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020186255	A1		39	G09G-005/00	CIP of application US 99429585
WO 200338554	A2 E			G06F-000/00	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW					
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
EP 1444627	A2 E			G06F-017/60	Based on patent WO 200338554
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					

Abstract (Basic): US 20020186255 A1

NOVELTY - A computer code is communicated to add a shopping assistant button to an internet browser tool bar (22). A wallet created in a server database, is secured by a security key previously received from the shopper. The received key is compared with another security key, based on which the wallet is communicated to user computer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) internet browser interface;
- (2) on-line shopping facilitation system;
- (3) internet browser interface control method;
- (4) internet site access method; and
- (5) internet browser interface control system.

USE - For facilitating on-line shopping using personal computer, PDA, web-enabled cellular telephone, hard-wired telephone, mobile computer, etc.

ADVANTAGE - The comparison function provide faster and accurate on-line shopping process, thereby enabling the user to perform the shopping quickly and effortlessly.

DESCRIPTION OF DRAWING(S) - The figure shows an illustrative view of the internet browser interface.

internet browser tool bar (22)

pp; 39 DwgNo 2/17

Title Terms: LINE; SHOPPING; FACILITATE; METHOD; COMPARE; SECURE; KEY;
RECEIVE; KEY; BASED; WALLET; COMMUNICATE; USER; COMPUTER

Derwent Class: P85; T01; T05

International Patent Class (Main): G06F-000/00; G06F-017/60; G09G-005/00

File Segment: EPI; EngPI

1/5/11 (Item 3 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014309925 **Image available**
WPI Acc No: 2002-130628/200217
XRPX Acc No: N02-098531

**Managing client-server system software resources by server sending
resource preference parameters to client computer for retrieval from
server if resources are not stored locally**

Patent Assignee: YAHOO INC (YAHOO-N)
Inventor: **SHAFRON T J**
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200195104	A1	20011213	WO 2001US16993	A	20010524	200217 B
AU 200174967	A	20011217	AU 200174967	A	20010524	200225
EP 1305709	A1	20030502	EP 2001941630	A	20010524	200331
			WO 2001US16993	A	20010524	
JP 2003536133	W	20031202	WO 2001US16993	A	20010524	200382
			JP 2002502590	A	20010524	

Priority Applications (No Type Date): US 2000587075 A 20000602

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200195104	A1	E	44	G06F-009/45	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200174967	A			G06F-009/45	Based on patent WO 200195104
EP 1305709	A1	E		G06F-009/45	Based on patent WO 200195104
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2003536133	W		52	G06F-009/445	Based on patent WO 200195104

Abstract (Basic): WO 200195104 A1

NOVELTY - Method consists in receiving the request to change the application at the server, receiving a preference parameter at the client computer, determining whether the resources needed are stored locally and retrieving them from the server if they are not.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a method of internationalizing a software application in a client server, (2) a system for customizing a user interface for a software application stored on the client computer, (3) a client-server system for internationalizing software applications, (4) a method of modifying a browser application toolbar interface, (5) a method of adapting a software application user interface to specific language requirements, (6) a method of dynamically generating a language-specific software application interface.

USE - Method is for dynamic management of application resources stored on a computer and customization according to user preference.

ADVANTAGE - Method enables updates, patches etc. to be integrated into the application resources while keeping the application efficient.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic of a client computer connected to a network.

pp; 44 DwgNo 2/10

Title Terms: MANAGE; CLIENT; SERVE; SYSTEM; SOFTWARE; RESOURCE; SERVE; SEND
; RESOURCE; PREFER; PARAMETER; CLIENT; COMPUTER; RETRIEVAL; SERVE;
RESOURCE; STORAGE; LOCAL

Derwent Class: T01

International Patent Class (Main): G06F-009/445; G06F-009/45

International Patent Class (Additional): G06F-009/46; G06F-015/00;
G06F-015/16
File Segment: EPI

1/5/12 (Item 4 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013193334 **Image available**
WPI Acc No: 2000-365207/200031
Related WPI Acc No: 2003-299042
XRPX Acc No: N00-273342

**Internet browser interface controlling method, involves downloading
library file obtained by input of controlling software program to user's
browser, when browser is activated**

Patent Assignee: YAHOO! INC (YAH0-N); YAHOO INC (YAH0-N)

Inventor: SHAFRON T J

Number of Countries: 086 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200025239	A1	20000504	WO 99US25332	A	19991028	200031 B
AU 200012394	A	20000515	AU 200012394	A	19991028	200039
EP 1145157	A1	20011017	EP 99971122	A	19991028	200169
			WO 99US25332	A	19991028	
JP 2003510671	W	20030318	WO 99US25332	A	19991028	200321
			JP 2000578754	A	19991028	
US 20040165007	A1	20040826	US 98106002	P	19981028	200457
			US 99429585	A	19991028	

Priority Applications (No Type Date): US 98106002 P 19981028; US 99429585 A 19991028

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200025239	A1	E	68	G06F-017/30	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200012394	A			G06F-017/30	Based on patent WO 200025239
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EP 1145157	A1	E		G06F-017/30	Based on patent WO 200025239
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2003510671	W		70	G06F-013/00	Based on patent WO 200025239
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US 20040165007	A1			G09G-005/00	Provisional application US 98106002
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Abstract (Basic): WO 200025239 A1

NOVELTY - A controlling software program controls Internet browser interface. Using the controlling program a library file is created and is stored in computer for defining interface object. When browser is activated the library file is opened so as to provided browser user with access to defined interface object. Then, the information from predetermined Internet site, is downloaded to library file.

USE - For controlling Internet browser interface used for display of information such as investment portfolio, news headlines, bookmarks, address book, etc.

ADVANTAGE - Increases number of times an Internet user accesses a predetermined Internet site and also increase amount of time, a user spends at predetermined Internet site. Enables Internet user to display with browser interface and continuously update information to that user. Provides significant opportunities to direct desired information from preferred site to user, even the user visits other sites.

DESCRIPTION OF DRAWING(S) - The figure shows the general view of Internet browser interface.

pp; 68 DwgNo 4/10

Title Terms: INTERFACE; CONTROL; METHOD; LIBRARY; FILE; OBTAIN; INPUT;

CONTROL; SOFTWARE; PROGRAM; USER; ACTIVATE

Derwent Class: P85; T01

International Patent Class (Main): G06F-013/00; G06F-017/30; G09G-005/00

International Patent Class (Additional): G06F-015/00; G06F-017/21

File Segment: EPI; EngPI

Set	Items	Description
S1	11	AU=(SHAFRON, T? OR SHAFRON T?)
File	2:INSPEC	1969-2004/Sep W4 (c) 2004 Institution of Electrical Engineers
File	6:NTIS	1964-2004/Sep W4 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R)	1970-2004/Sep W4 (c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2004/Sep W4 (c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online	1861-2004/Aug (c) 2004 ProQuest Info&Learning
File	65:Inside Conferences	1993-2004/Oct W1 (c) 2004 BLDSC all rts. reserv.
File	92:IHS Intl.Stds.& Specs.	1999/Nov (c) 1999 Information Handling Services
File	94:JICST-EPlus	1985-2004/Sep W1 (c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management	1989-2004/Jun W1 (c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs	1983-2004/Aug (c) 2004 The HW Wilson Co.
File	103:Energy SciTec	1974-2004/Sep B2 (c) 2004 Contains copyrighted material
File	144:Pascal	1973-2004/Sep W4 (c) 2004 INIST/CNRS
File	202:Info. Sci. & Tech. Abs.	1966-2004/Sep 09 (c) 2004 EBSCO Publishing
File	233:Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	239:Mathsci	1940-2004/Nov (c) 2004 American Mathematical Society
File	275:Gale Group Computer DB(TM)	1983-2004/Oct 04 (c) 2004 The Gale Group
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	647:CMP Computer Fulltext	1988-2004/Sep W3 (c) 2004 CMP Media, LLC
File	674:Computer News Fulltext	1989-2004/Aug W4 (c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2004/Oct 01 (c) 2004 The Dialog Corp.

1/5/1 (Item 1 from file: 2)
DIALOG(R) File 2:INSPEC
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5922065 INSPEC Abstract Number: C9807-6115-001

Title: Slip into SilverStream's Web App services

Author(s): Shafron, T.
Journal: BYTE (International Edition) vol.23, no.4 p.133-4
Publisher: McGraw-Hill,
Publication Date: April 1998 Country of Publication: USA
CODEN: BYTEDJ ISSN: 0360-5280
SICI: 0360-5280(199804)23:4L:133:SISS;1-P
Material Identity Number: G109-98003
U.S. Copyright Clearance Center Code: 0360-5280/98/\$1.50
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)

Abstract: Web application development increasingly uses visual integration of pre-coded objects a la Microsoft's Visual Basic and opens up access to database applications a la Microsoft's Active Server Page (ASP). SilverStream Web Application Platform 1.0 pushes the envelope in both directions, enhancing visual application development while improving back-end Web-site integration. The server and development tools run on Windows 95 or NT, but developed applications are accessible to any JDK 1.1-enabled (Java Development Kit) browser. Included are SilverStream Designer, a tool for building Java applications and applets; SilverStream Server, a Web and application server; Fulcrum Technologies' Fulcrum SearchServer, for full-text searches; Sybase's SQL Anywhere database; and a Java development tool that uses the Symantec Cafe Java compiler. The SQL database provides the glue that keeps it all nicely integrated. All Web objects are stored in the database, and the Server provides access to Designer users as well as users of finished applications. (0 Refs)

Subfile: C

Descriptors: application generators; Internet; software tools; visual programming

Identifiers: Web application development; SilverStream Web Application Platform; visual application development; server; development tools; SilverStream Designer; SilverStream Server; Fulcrum SearchServer; SQL Anywhere database; Java development tool

Class Codes: C6115 (Programming support); C6110V (Visual programming); C6150N (Distributed systems software)

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1/5/2 (Item 2 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

5865972 INSPEC Abstract Number: B9805-6210L-009, C9805-5620-002

Title: Multicast offers bandwidth salvation

Author(s): Shafron, T. ; Loshin, P.
Journal: BYTE (International Edition) vol.23, no.3 p.121-2, 124
Publisher: McGraw-Hill,
Publication Date: March 1998 Country of Publication: USA
CODEN: BYTEDJ ISSN: 0360-5280
SICI: 0360-5280(199803)23:3L:121:MOBS;1-P
Material Identity Number: G109-98002
U.S. Copyright Clearance Center Code: 0360-5280/98/\$1.50
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: There might be only a few dozen multicast products commercially available right now, but the ranks are growing. The IP Multicast Initiative (IPMI), an industry group devoted to furthering IP Multicast, aids this growth. Its members include IBM, Microsoft, Netscape, Novell, Sun, 3Com, and many others. The question is not whether you will use multicasting, but when. It will definitely be a part of your networked future. (0 Refs)

Subfile: B C

* Descriptors: computer networks; data communication; technological forecasting; transport protocols
Identifiers: multicast products; IP Multicast; multicasting
Class Codes: B6210L (Computer communications); B6150M (Protocols); C5620 (Computer networks and techniques); C5640 (Protocols)
Copyright 1998, IEE

1/5/3 (Item 1 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

06562264 Genuine Article#: ZB150 Number of References: 0

Title: Slip into SilverStream's Web app services

Author(s): **Shafron T (REPRINT)**

Corporate Source: POLYCHROME INTERACT,/NEW YORK//NY/ (REPRINT)

Journal: BYTE, 1998, V23, N4 (APR), P133-134

ISSN: 0360-5280 Publication date: 19980400

Publisher: MCGRAW HILL INC, 1221 AVENUE OF THE AMERICAS, NEW YORK, NY 10020

Language: English Document Type: SOFTWARE REVIEW

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology

Journal Subject Category: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE;

COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

1/5/4 (Item 2 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

06504227 Genuine Article#: YX511 Number of References: 0

Title: Multicast offers bandwidth salvation

Author(s): **Shafron T (REPRINT)** ; Loshin P

Corporate Source: POLYCHROME INTERACT,/NEW YORK//NY/ (REPRINT)

Journal: BYTE, 1998, V23, N3 (MAR), P121-&

ISSN: 0360-5280 Publication date: 19980300

Publisher: MCGRAW HILL INC, 1221 AVENUE OF THE AMERICAS, NEW YORK, NY 10020

Language: English Document Type: SOFTWARE REVIEW

Geographic Location: USA

Subfile: CC ENGI--Current Contents, Engineering, Computing & Technology

Journal Subject Category: COMPUTER SCIENCE, HARDWARE & ARCHITECTURE;

COMPUTER SCIENCE, SOFTWARE, GRAPHICS, PROGRAMMING

1/5/5 (Item 1 from file: 95)

DIALOG(R) File 95:TEME-Technology & Management
(c) 2004 FIZ TECHNIK. All rts. reserv.

01190830 E98030836259

Multicast offers bandwidth salvation

(Softwarepakete fuer Multicasting-Uebertragung unter IP-Protokoll)

Shafron, T ; Loshin, P

Southern Digital, Inc., Charleston, USA

Byte, v23, n3, pp121-122,124, 1998

Document type: journal article Language: English

Record type: Abstract

ISSN: 0360-5280

ABSTRACT:

Mit den zunehmenden bandbreitenintensiven Video- und Fernkonferenzapplikationen kommt dem Mehrfachuebertragungsmodus (multicasting) im IP-Protokoll eine neue wachsende Bedeutung zu. Bei Multicasting wird im Gegensatz zu Broadcasting ein Paket von einem Host an eine begrenzte Liste von Adressen anderer Hosts uebertragen. Der Beitrag stellt zwei Softwareprodukte vor, die Video-Multicasting unterstuetzen: NetShow 2.1 von Microsoft und IP/TV 1.6 suite von Precept. NetShow laeuft nur auf dem Windows NT 4.0 Server, waehrend IP/TV suite auch mit

Nicht-Windows-Plattformen zusammenarbeiten kann. Ein drittes Programm wird vorgestellt: Multicast 3.03 von StarBurst. Es soll eine 'Broadcast'-Uebertragung von Dateien an eine beliebige Anzahl von Empfängern ermöglichen, ohne in den dazwischenliegenden Netzen und Systemen unzumutbaren Datenverkehr zu erzeugen. Hierzu wird das MFTP-Protokoll von StarBurst verwendet, das Zeit- und Bandbreitenanforderungen an beteiligte Hosts reduziert. Dieses Programm soll fuer viele Empfänger geeignet sein (Herstellerangaben ueber die Laborsimulation von 50000 Klienten), es hat mit 40000 Dollar aufwaerts auch einen respektablen Preis.

DESCRIPTORS: DATA TELECOMMUNICATION; VIDEO TRANSMISSION; FILE--DATAS; BANDWIDTH--FREQUENCY; DATA SIGNALLING RATE; COMMUNICATION PROTOCOLS; LONG DISTANCE TRANSPORT; ADDRESSING; PROGRAM PACKAGE; PERFORMANCE ANALYSIS IDENTIFIERS: MULTICASTING--(NACHRICHTENUEBERTRAGUNG); Datenfernuebertragung ; Multicasting; Programmpaket

1/5/6 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

1683692 H.W. WILSON RECORD NUMBER: BAST98022633

Multicast offers bandwidth salvation

AUGMENTED TITLE: Microsoft's NetShow 2.1 and Precept's IP/TV 1.6

Shafron, Tom ; Loshin, Pete

Byte v. 23 no3 (Mar. '98) p. 121-2+

DOCUMENT TYPE: Product Evaluation ISSN: 0360-5280 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: IP Multicast offers network implementers a means of curbing application-bandwidth greed. It provides the benefit of IP broadcasting--the capacity to transmit data to many users in one go--without the drawbacks, which include the possibility of huge network performance hits and the inability to cross IP routers. Three multicast-enabled products are tested and reviewed: Microsoft's NetShow 2.1 and Precept's IP/TV 1.6 suite, which offer solutions for video-content publishing, and StarBurst's Multicast 3.03, which offers a heavy-duty solution for distributing large data files to numerous recipients without degrading available bandwidth.

DESCRIPTORS: Internet software; Internet protocols; Product evaluation;

1/5/7 (Item 2 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2004 The HW Wilson Co. All rts. reserv.

1647156 H.W. WILSON RECORD NUMBER: BAST98025902

Slip into SilverStream's Web app services

Shafron, Tom ;

Byte v. 23 no4 (Apr. '98) p. 133-4

DOCUMENT TYPE: Feature Article ISSN: 0360-5280 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: A review of SilverStream Web Application Platform 1.0 (single-user starter pack \$495). SilverStream enhances visual application development and improves back-end Web-site integration. Features of the package include SilverStream Designer, a tool for building Java applications and applets; SilverStream Server, a Web and application server; and Sybase's SQL Anywhere database.

DESCRIPTORS: Internet software; Client server computing;

1/5/8 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

00492201 98BY04-020

Slip into SilverStream's Web apps services -- SilverStream serves up a RAD stew with its application server and client, seasoned with third-party tools

Shafron, Tom

BYTE , April 1, 1998 , v23 n4 p133-134, 2 Page(s)

ISSN: 0360-5280

Company Name: SilverStream Software

URL: <http://www.silverstream.com>

Product Name: SilverStream Web Application Platform 1.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a favorable review of SilverStream Web Application Platform 1.0 (\$495), an application development by SilverStream Software Inc. of Burlington, MA (888). Says the package enhances visual application development while improving back-end Web-site integration. Adds the server and development tools run on Windows 95 or NT, but developed applications are accessible to any JDK 1.1 enabled browser. Also says the bugs have been worked out of this version of Silverstream Web Application Platform. Conclud an elegant tool for developing Web applications quickly and efficiently. Contains one screen display and one chart. (EB)

Descriptors: Application Development; Web Page Authoring; Web Management; Server

Identifiers: SilverStream Web Application Platform 1.0; SilverStream Software

1/5/9 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00489196 98BY03-022

Multicast offers bandwidth salvation -- Multicast your data over IP waters and watch your bandwidth return manyfold

Shafron, Tom ; Loshin, Pete

BYTE , March 1, 1998 , v23 n3 p121-124, 3 Page(s)

ISSN: 0360-5280

Company Name: Precept Software; Microsoft; StarBurst Communications

URL: <http://www.precept.com> <http://www.microsoft.com> <http://www.starburstcom.com>

Product Name: IP/TV 1.6; NetShow 2.1; StarBurst Multicast 3.03

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B; B; B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows NT 4

Geographic Location: United States

Presents a favorable review of three network multicasting products. Products reviewed/technology/implementation ratings (out of 5) are: IP/TV 1.6 (\$3,995) from Precept Software, Inc. (650) - 3/3, Netshow 2.1 (\$0) from Microsoft Corp. (425) - 4/3, and StarBurst Multicast V 3.03 (\$40,000) from StarBurst Communications Corp. (800)- (978) - 3/3. Says IP/TV 1.6 and Netshow 2.1 are directed at video content, and that StarBurst Multicast V 3.03 is an industrial-strength approach for broad distribution of complex data files while preserving available bandwidth. Notes Netshow runs only under Windows NT 4.0 Server, is a powerful tool, and has a thrown-together feel. Says IP/TV works with Windows and non-Windows platforms, i easy to use, and has sophisticated programming and scheduli features. Adds that StarBurst uses MFTP protocol to reduce th and bandwidth needed to distribute files to many hosts. Includes three screen displays and two sidebars. (JC)

* Descriptors: Networks; Bandwidth; Video Processing; Network Management

Identifiers: IP/TV 1.6; NetShow 2.1; StarBurst Multicast 3.03;
Precept Software; Microsoft; StarBurst Communications

1/5/10 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02151943 SUPPLIER NUMBER: 20411812

Slip into SilverStream's Web app services. (SilverStream Software's SilverStream Web Application Platform) (includes related article on E-SMTP) (Software Review) (Evaluation) (Brief Article)

Shafron, Tom

Byte, v23, n4, p133(2)

April, 1998

DOCUMENT TYPE: Evaluation Brief Article ISSN: 0360-5280

LANGUAGE: English RECORD TYPE: Citation

SPECIAL FEATURES: chart; illustration

COMPANY NAMES: SilverStream Software Inc.--Products

DESCRIPTORS: Software Single Product Review; Internet/Web Server Software

PRODUCT/INDUSTRY NAMES: 7372682 (Internet Server Software)

SIC CODES: 7372 Prepackaged software

TRADE NAMES: SilverStream Web Application Platform (Internet/Web server software)--Evaluation

FILE SEGMENT: CD File 275

1/5/11 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02143603 SUPPLIER NUMBER: 20329639

Multicast offers bandwidth salvation. (includes related articles on IP data transmission types and on multicast addressing) (Software Review) (Evaluation)

Shafron, Tom ; Loshin, Pete

Byte, v23, n3, p121(3)

March, 1998

DOCUMENT TYPE: Evaluation ISSN: 0360-5280 LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT: Three IP Multicast-enabled products are evaluated, namely Microsoft's freeNetShow 2.1, Precept's \$3,995 IP/TV 1.6 and StarBurst Communications' \$40,000 StarBurst Multicast 3.03. The Microsoft product is powerful but is loosely integrated; it actually consists of three separate servers, NetShow Server 2.0, NetShow Server with RealVideo and NetShow Theater Server. Users get the feeling that Microsoft could have come out with a single, more effective content server. The StarBurst Multicast 3.03, which is based on the company's MFTP protocol, is easy to install and use and offers heavy-duty scalability at a high price. The product is most useful for distributing massive amounts of data to multiple recipients without eating into available bandwidth. Precept's IP/TV 1.6 suite combines ease of use with the advantage of interoperating with non-Windows platforms. It also offers sophisticated programming and scheduling features.

SPECIAL FEATURES: other; illustration

COMPANY NAMES: Microsoft Corp.--Products; Precept Software Inc.--Products ; StarBurst Communications Corp.--Products

DESCRIPTORS: Software Multiproduct Review; Multicasting; File Transfer Software; Video Server Software

PRODUCT/INDUSTRY NAMES: 7372692 (Video Server Software); 7372663 (File Transfer Software)

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: MSFT

TRADE NAMES: Microsoft NetShow 2.1 (Video server software)--Evaluation;

IP/TV 1.6 (Video server software)--Evaluation; Starburst Multicast 3.03

(File transfer software)--Evaluation

FILE SEGMENT: CD File 275

Set.	Items	Description
S1	18691	DOWNLOADABLE OR DOWNLOAD? ? OR DOWN()LOAD? ? OR EXECUTABLE?
S2	1155	TOOLBAR? OR TOOL() (BAR? OR PALETTE?) OR (ROW? OR COLUMN?) (-) (ICON? OR SYMBOL? OR BUTTON? OR EMBLEM?)
S3	6658764	INTERFACE? OR COMMUNICAT? OR CONNECT? OR INTERACT? OR STRU- CTURE? OR FUNCTION? OR SOFTWARE?
S4	2189370	MODIF? OR CUSTOMIZE? OR ALTER? OR CHANGE? OR VARY? OR EDIT? OR REVIS? OR REVAMP? OR REWORK? OR ALTER? OR UP() (DATING OR - DATE? ?)
S5	254741	PREFERENCE? OR SELECTION OR CHOICE OR ELECTION
S6	4209381	PARAMETER? OR SCHEMA OR ATTRIBUTE? OR LIMIT? OR BOUND? OR - DATA()VALUE? OR DESCRIPT? OR TYPE()INFORMATION
S7	2713219	GROUP? OR CATEGORY? OR CLASS? ? OR SET OR SETS
S8	277544	CLIENT? OR STAND()ALONE? OR STANDALONE? OR PC OR PERSONAL(-)COMPUTER? OR WORKSTATION? OR WORK()STATION? OR NODE?
S9	6025445	EFFECT? OR MAKE? OR MAKING OR CAUSE? OR GENERAT? OR INDUC? OR OCCASION OR EXECUT? OR TRIGGER?
S10	35	(SOFTWARE OR APPLICATION? OR PROGRAM?) (2N) S2
S11	108607	(APPLICATION OR SOFTWARE OR PROGRAM?) (2N) S3
S12	654423	LANGUAGE? OR DIALECT? OR SPEECH OR TONGUE? OR VERNACULAR
S13	8	INTERNATIONALIZING.
S14	391700	RESOURCE? OR FILE OR DOCUMENT? OR DATABASE? OR DATA()BASE?
S15	11	S1 AND S2 AND S3
S16	2	S2 AND S4 AND (S5 (2N) S6)
S17	11028	S7 (2N) S14
S18	38	S17 AND S1 AND S8
S19	5	S9 AND S10 AND S4
S20	11415	S9 AND S11 AND S4
S21	1	S13 AND S10
S22	3	S13 AND S11
S23	5	S13 AND (SOFTWARE OR APPLICATION? OR PROGRAM?)
S24	3	S10 AND S12
S25	60	S15 OR S16 OR S18 OR S19 OR S21 OR S22 OR S23 OR S24
S26	56	S25 AND IC=G06F?
S27	28	S26 AND IC=(G06F-009? OR G06F-015?)
S28	6	S25 AND MC=(T01-J20B1 OR T01-N01D OR T01-N02B1 OR T01-N03A- 1)
S29	31	S27 OR S28

File 347:JAPIO Nov 1976-2004/May(Updated 040903)

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200463

(c) 2004 Thomson Derwent

29/5/18 (Item 17 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014309925 **Image available**
WPI Acc No: 2002-130628/200217
XRPX Acc No: N02-098531

Managing client-server system software resources by server sending resource preference parameters to client computer for retrieval from server if resources are not stored locally

Patent Assignee: YAHOO INC (YAHOO-N)
Inventor: SHAFRON T J
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200195104	A1	20011213	WO 2001US16993	A	20010524	200217 B
AU 200174967	A	20011217	AU 200174967	A	20010524	200225
EP 1305709	A1	20030502	EP 2001941630	A	20010524	200331
			WO 2001US16993	A	20010524	
JP 2003536133	W	20031202	WO 2001US16993	A	20010524	200382
			JP 2002502590	A	20010524	

Priority Applications (No Type Date): US 2000587075 A 20000602
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200195104	A1	E	44	G06F-009/45	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200174967	A			G06F-009/45	Based on patent WO 200195104
EP 1305709	A1	E		G06F-009/45	Based on patent WO 200195104
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2003536133	W		52	G06F-009/445	Based on patent WO 200195104

Abstract (Basic): WO 200195104 A1

NOVELTY - Method consists in receiving the request to **change** the **application** at the server, receiving a **preference parameter** at the client computer, determining whether the resources needed are stored locally and retrieving them from the server if they are not.

DETAILED DESCRIPTION - There are INDEPENDENT CLAIMS for (1) a method of **internationalizing a software application** in a client server, (2) a system for customizing a user **interface** for a **software application** stored on the client computer, (3) a client-server system for **internationalizing software applications**, (4) a method of **modifying a browser application toolbar interface**, (5) a method of adapting a **software application user interface** to specific **language** requirements, (6) a method of dynamically **generating a language-specific software application interface**.

USE - Method is for dynamic management of **application** resources stored on a computer and customization according to user preference.

ADVANTAGE - Method enables updates, patches etc. to be integrated into the **application** resources while keeping the **application** efficient.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic of a client computer connected to a network.

pp; 44 DwgNo 2/10

Title Terms: MANAGE; CLIENT; SERVE; SYSTEM; **SOFTWARE**; RESOURCE; SERVE; SEND; RESOURCE; PREFER; PARAMETER; CLIENT; COMPUTER; RETRIEVAL; SERVE; RESOURCE; STORAGE; LOCAL

Derwent Class: T01

International Patent Class (Main): G06F-009/445 ; G06F-009/45

International Patent Class (Additional): G06F-009/46 ; G06F-015/00 ;
G06F-015/16
File Segment: EPI

29/5/20 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013733426 **Image available**
WPI Acc No: 2001-217656/200122
XRPX Acc No: N01-155147

Software updating in client server environment, involves requesting down load to client computer for update files whose names are specified in operating system independent and operating system specific sections

Patent Assignee: 3COM CORP (THRE-N)
Inventor: CHILES A A; CHILES D C; MANBECK J L; NGUYEN V H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6167567	A	20001226	US 9873054	A	19980505	200122 B

Priority Applications (No Type Date): US 9873054 A 19980505

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6167567	A	37	G06F-009/445	

Abstract (Basic): US 6167567 A

NOVELTY - A request is issued to network server (70) to **down load** a file containing update script to **client** computer (10). Script is processed in computer (10) to update software completely. A **down load** to computer (10) is requested for update files from the network server such that either one of two **groups** of update **file** names are specified in operating system (O/S) independent section and O/S specific section.

DETAILED DESCRIPTION - A country or locale within which **client** computer is situated is determined and then the file name containing an update script for use in country or locale is constructed. During processing of script, an operating system is determined then the script is executed in the **client** computer such that update script has at least one O/S specific and O/S independent sections. When the O/S independent section specifies a first update file name extracting a first **group** of update **file** names from O/S independent section and the first group has an associated update file name. Whereas when the O/S specific section of script corresponds to O/S executing on **client** computer executes and specifies second update file name which is extracted from second group having an associated update file name. An INDEPENDENT CLAIM is also included for apparatus for updating software.

USE - For automatically updating software stored in **client** computer in **client** server environment. Also updates device firmware, device drivers and O/S modules.

ADVANTAGE - Automatically and properly updates substantially any **client** -resident software via networked server without any user intervention and also amount for regional or local update differences. Since identical updates as desired by administrator can be propagated to all **client** computers throughout network environment. Reduces administrative, **client** software maintenance and support costs. Periodically updates itself as new version of its own software become available. Simplifies overall task of software updating thereby markedly reduces cost for manufacturing network administration and user.

DESCRIPTION OF DRAWING(S) - The figure shows the high level simplified block diagram of **client** server environment.

Client computer (10)
Network server (70)

pp; 37 DwgNo 1/14
Title Terms: SOFTWARE; UPDATE; **CLIENT** ; SERVE; ENVIRONMENT; REQUEST; DOWN;
LOAD; **CLIENT** ; COMPUTER; UPDATE; FILE; NAME; SPECIFIED; OPERATE; SYSTEM;
INDEPENDENT; OPERATE; SYSTEM; SPECIFIC; SECTION
Derwent Class: T01
International Patent Class (Main): **G06F-009/445**
File Segment: EPI

29/5/29 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011045500 **Image available**
WPI Acc No: 1997-023424/199703
Related WPI Acc No: 1996-340813; 1997-023423; 1997-023425; 1999-610518;
2000-514142; 2003-776152
XRPX Acc No: N97-019423

**Request agent for WWW browser client over networks and Internet -
displays HTML document to web browser, invokes control program agent,
passes user document data to agent upon invocation as input parameters to
agent returned from document, and uses API set to invoke command files
and programs**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: LAGARDE K C; ROGERS R M
Number of Countries: 006 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 747843	A1	19961211	EP 96108977	A	19960605	199703 B
JP 9114863	A	19970502	JP 96128657	A	19960523	199728
KR 97002714	A	19970128	KR 9617791	A	19960523	199805
US 5701451	A	19971223	US 95474577	A	19950607	199806
JP 3072713	B2	20000807	JP 96128657	A	19960523	200042
KR 209837	B1	19990715	KR 9617791	A	19960523	200102
EP 747843	B1	20010829	EP 96108977	A	19960605	200150
DE 69614764	E	20011004	DE 614764	A	19960605	200166
			EP 96108977	A	19960605	

Priority Applications (No Type Date): US 95474577 A 19950607; US 95474572 A
19950607; US 95479481 A 19950607

Cited Patents: 1.Jnl.Ref; US 4274139

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 747843	A1	E	25	G06F-017/30	
Designated States (Regional): DE FR GB					
JP 9114863	A		26	G06F-017/30	
US 5701451	A		23		
JP 3072713	B2		27	G06F-017/30	Previous Publ. patent JP 9114863
KR 209837	B1			G06F-017/30	
EP 747843	B1	E		G06F-017/30	
Designated States (Regional): DE FR GB					
DE 69614764	E			G06F-017/30	Based on patent EP 747843

Abstract (Basic): EP 747843 A

A HTML document is displayed on the web browser (130), and invokes a control program agent (131). Data entered by the user from the document is received and passed to the control program agent upon invocation as input parameters.

The input parameters input to the control program agent are those returned from the **document**. An API **set** is used for invoking **executable** command files and programs accessible via an associated command file object.

USE/ADVANTAGE - Using World Wide Web and other sources of data and utilisation of existing equipment for web server data access over networks and Internet. Eliminates unnecessary user intervention.

Dwg.11/11

Title Terms: REQUEST; AGENT; **CLIENT** ; NETWORK; DISPLAY; DOCUMENT; WEB;

CONTROL; PROGRAM; AGENT; PASS; USER; DOCUMENT; DATA; AGENT; INPUT;
PARAMETER; AGENT; RETURN; DOCUMENT; SET; INVOKE; COMMAND; FILE; PROGRAM
Index Terms/Additional Words: HYPERTEXT; MARK-UP; LANGUAGE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): G06F-012/00 ; G06F-013/00 ;
G06F-015/00 ; G06F-015/16 ; G06F-017/21
File Segment: EPI

29/5/30 (Item 29 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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011045497 **Image available**
WPI Acc No: 1997-023421/199703
Related WPI Acc No: 1997-023422
XRPX Acc No: N97-019420

**Web browser request fulfilling method - in which sub-agents supporting
command file objects or capsules are organised to perform tasks in
support of Web browser's request for service**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: LAGARDE K C; ROGERS R M
Number of Countries: 008 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 747840	A1	19961211	EP 96108974	A	19960605	199703 B
JP 9026973	A	19970128	JP 96128090	A	19960523	199714
TW 312879	A	19970811	TW 95109690	A	19950915	199746
KR 97002693	A	19970128	KR 9617790	A	19960523	199805
US 5752246	A	19980512	US 95474576	A	19950607	199826
EP 747840	B1	20000830	EP 96108974	A	19960605	200042
DE 69610026	E	20001005	DE 610026	A	19960605	200057
			EP 96108974	A	19960605	
CN 1143776	A	19970226	CN 96103884	A	19960517	200062
JP 3217965	B2	20011015	JP 96128090	A	19960523	200167

Priority Applications (No Type Date): US 95474576 A 19950607; US 95474575 A
19950607

Cited Patents: 1.Jnl.Ref; US 4274139

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 747840	A1	E	25	G06F-017/30	
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Designated States (Regional): DE FR GB

JP 9026973	A		28	G06F-017/30	
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TW 312879	A			H04L-029/08	
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KR 97002693	A			G06F-015/00	
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US 5752246	A			G06F-017/30	
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EP 747840	B1	E		G06F-017/30	
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Designated States (Regional): DE FR GB

DE 69610026	E			G06F-017/30	Based on patent EP 747840
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CN 1143776	A			G06F-015/00	
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JP 3217965	B2		28	G06F-017/30	Previous Publ. patent JP 9026973
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Abstract (Basic): EP 747840 A

The method involves retrieving data from multiple sources which may be remotely located and accessed via Internet routing and via Web Internet, and processed by decision support capsules. A service agent fulfils requests of a Web browser **client** coupled to a network which includes a control program agent. The control program agent includes a program of instructions which are **executable** by a supporting machine environment, for performing method steps for receiving a request initiated at the Web browser **client** and fulfilling the request by providing a result.

The method steps involve displaying an HTML document to the Web browser, and invoking a control program agent. Data entered by the user from the HTML document is received, and the user entered data is passed

- to the control program agent upon invocation, as input parameters to the control program agent that were returned from the HTML document . An API **set** is used for invoking **executable** command files and programs accessible via an associated command file object.

USE - Requesting, processing and presenting information on Web.

ADVANTAGE - Eliminates needless user intervention by allowing Web users to requests information that is created by data interpretation system and presented by Web server to users of Web.

Dwg.7/11

Title Terms: WEB; REQUEST; METHOD; SUB; AGENT; SUPPORT; COMMAND; FILE; OBJECT; CAPSULE; ORGANISE; PERFORMANCE; TASK; SUPPORT; WEB; REQUEST; SERVICE

Derwent Class: T01

International Patent Class (Main): G06F-015/00 ; G06F-017/30 ; H04L-029/08

International Patent Class (Additional): G06F-012/00 ; G06F-013/00

File Segment: EPI

29/5/31 (Item 30 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009786263 **Image available**

WPI Acc No: 1994-066116/199409

XRPX Acc No: N94-051771

Financial transaction processing system for communication network linking together large number of terminals - includes control and distribution units linked to financial database, with network of distributed terminals

Patent Assignee: BEYNUL LTD (BEYN-N)

Inventor: GERRY K; ODEA P; ENGLISH G; KELLY G; O'DEA P

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 1005829	A6	19940208	BE 931112	A	19931019	199409 B
GB 2282246	A	19950329	GB 9319797	A	19930924	199516 N
GB 2282246	B	19970813	GB 9319797	A	19930924	199735 N

Priority Applications (No Type Date): BE 931112 A 19931019; GB 9319797 A 19930924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
BE 1005829	A6		20		
GB 2282246	A		20		

Abstract (Basic): BE 1005829 A

The transaction processing system includes a control unit and a distribution unit connected to the control unit, with an interface connected to a financial **database**. A **set of work stations** are distributed at **client** establishments and each has an interface allowing bilateral communication with the distribution unit.

The control and distribution units includes a message routing system linked to several servers. The servers include a remote transmission processor to receive signals from the central router and transmit them to their destination, and a remote loading processor for extracting data in response to an interrogation signal.

ADVANTAGE - System allows number of different financial transactions with very short response time, and minimal risk of data being falsified.

Dwg.2/5

Title Terms: FINANCIAL; TRANSACTION; PROCESS; SYSTEM; COMMUNICATE; NETWORK; LINK; NUMBER; TERMINAL; CONTROL; DISTRIBUTE; UNIT; LINK; FINANCIAL; DATABASE; NETWORK; DISTRIBUTE; TERMINAL

Derwent Class: T01; T05

International Patent Class (Main): G06F-000/00 ; G06F-019/00

International Patent Class (Additional): G06F-015/16 ; G06F-157-00 ;

G07F-000/00

File Segment: EPI

Set	Items	Description
S1	1680	DOWNLOADABLE OR DOWNLOAD? ? OR DOWN()LOAD? ? OR EXECUTABLE?
S2	526	TOOLBAR? OR TOOL() (BAR? OR PALETTE?) OR (ROW? OR COLUMN?) (-) (ICON? OR SYMBOL? OR BUTTON? OR EMBLEM?)
S3	43480	INTERFACE? OR COMMUNICAT? OR CONNECT? OR INTERACT? OR STRU- CTURE? OR FUNCTION? OR SOFTWARE?
S4	16985	MODIF? OR CUSTOMIZE? OR ALTER? OR CHANGE? OR VARY? OR EDIT? OR REVIS? OR REVAMP? OR REWORK? OR ALTER? OR UP() (DATING OR - DATE? ?)
S5	4067	PREFERENCE? OR SELECTION OR CHOICE OR ELECTION
S6	6891	PARAMETER? OR SCHEMA OR ATTRIBUTE? OR LIMIT? OR BOUND? OR - DATA()VALUE? OR DESCRIPT? OR TYPE()INFORMATION
S7	14291	GROUP? OR CATEGORY? OR CLASS? ? OR SET OR SETS
S8	15115	CLIENT? OR STAND()ALONE? OR STANDALONE? OR PC OR PERSONAL(-)COMPUTER? OR WORKSTATION? OR WORK()STATION? OR NODE?
S9	23730	EFFECT? OR MAKE? OR MAKING OR CAUSE? OR GENERAT? OR INDUC? OR OCCASION OR EXECUT? OR TRIGGER?
S10	14	(SOFTWARE OR APPLICATION? OR PROGRAM?) (2N)S2
S11	31483	(APPLICATION OR SOFTWARE OR PROGRAM?) (2N)S3
S12	6024	LANGUAGE? OR DIALECT? OR SPEECH OR TONGUE? OR VERNACULAR
S13	2	INTERNATIONALIZING
S14	22471	RESOURCE? OR FILE OR DOCUMENT? OR DATABASE? OR DATA()BASE?
S15	24	S1 AND S2 AND S3
S16	0	S2 AND S4 AND (S5 (2N) S6)
S17	683	S7 (2N) S14
S18	14	S17 AND S1 AND S8
S19	1	S9 AND S10 AND S4
S20	4374	S9 AND S11 AND S4
S21	0	S13 AND S10
S22	2	S13 AND S11
S23	2	S13 AND (SOFTWARE OR APPLICATION? OR PROGRAM?)
S24	4	S10 AND S12
S25	45	S15 OR S18 OR S19 OR S22 OR S23 OR S24
S26	34	S25 NOT PY>2000
S27	27	S26 NOT PD>20000602

File 256:TecInfoSource 82-2004/Jul
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27/5/1

DIALOG(R) File 256:TecInfoSource
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02633631 DOCUMENT TYPE: Company

Uniscape Inc (633631)
1292 Hammerwood Ave
Sunnyvale, CA 94089 United States

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation
STATUS: Company Sold

Uniscape.com, aka Uniscape Incorporated, was formed in 1996 to help **software** developers automate and optimize their globalization process. Its founders have extensive experience in **software** globalization and have solved globalization problems for some of the largest **software** firms in the world. In order to remain profitable in today's world economy, U.S. businesses must compete on a global scale. Nowhere is this more true than in the **software** industry. **Software** market leaders such as Oracle and Microsoft now obtain much of their revenue from sales outside the U.S. The biggest barrier for companies interested in entering overseas markets is the cost of localization--the process of translating user interfaces and documentation into the language and date, time, and numeric conventions of each target market. **Software** must also be internationalized--re-engineered to support non-English and non-Roman alphabet languages. The process of **internationalizing software**, then localizing it into different languages is known as **software** globalization. Bringing **software** globalization expertise to the mainstream **software** community is at the heart of Uniscape's activities. Uniscape is now part of TRADOS Corporation.

SALES: NA

DATE FOUNDED: 1996

DESCRIPTORS: Foreign Language Packages; Localization; **Program**
Development; Web Site Design
REVISION DATE: 20030417

27/5/2

DIALOG(R) File 256:TecInfoSource
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01685437 DOCUMENT TYPE: Product

PRODUCT NAME: ScanMail for Lotus Notes (685437)

Trend Micro Inc (505871)
10101 N De Anza Blvd, 2nd Floor
Cupertino, CA 95014 United States
TELEPHONE: (408) 257-1500

RECORD TYPE: Directory

CONTACT: Sales Department

ScanMail for Lotus Notes from Trend Micro detects and removes viruses hidden in databases, as well as e-mail attachments, before infection can spread to the desktop. ScanMail (R) scans and cleans e-mail attachments in real time at the router; it also scans and cleans databases and modified

DESCRIPTORS: Archiving; File Compression; File Transfer; System Utilities

HARDWARE: IBM PC & Compatibles

OPERATING SYSTEM: Internet Explorer; Windows; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Cross Industry

PRICE: Available upon request; volume discounts available

REVISION DATE: 20040202

27/5/4

DIALOG(R)File 256:TecInfoSource

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01207802

DOCUMENT TYPE: Product

PRODUCT NAME: CAST eReader 3.0 (207802)

Center for Applied Special Technology (CAST) (726681)

40 Harvard Mills Sq #3

Wakefield, MA 01880-3233 United States

TELEPHONE: (781) 245-2212

RECORD TYPE: Directory

CONTACT: Sales Department

CAST eReader 3.0, offered by the Center for Applied Special Technology (CAST), is a text-to- **speech** (TTS) system that handles RTF, HTML, and DAISY 2.02 files. The **program** offers users **toolbar** customization options. It also includes text, sentence, and paragraph highlighting features. CAST eReader 3.0 allows visually impaired users to navigate through Web pages and open multiple windows. Users can adjust voice speed and pitch settings. CAST eReader includes SAPI 4.0 and 5.0, as well as ATT Natural Voices (TM). The Macintosh edition of the system reads only text documents. A 30-day trial version of the product can be downloaded from the CAST Web site.

DESCRIPTORS: Disability Aids; Libraries; **Speech** Recognition; **Speech** Synthesis; User Interfaces

HARDWARE: Apple Macintosh; IBM PC & Compatibles; Pentium; PowerMac

OPERATING SYSTEM: MacOS; Windows; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: People with Reading Difficulties, Talking Books

PRICE: Available upon request; Internet trial available

OTHER REQUIREMENTS: 32MB--PC, 12MB--Mac RAM; Win 98+ or System 7.5 to 9 required

REVISION DATE: 20040512

27/5/5

DIALOG(R)File 256:TecInfoSource

(c)2004 Info.Sources Inc. All rts. reserv.

01115801

DOCUMENT TYPE: Product

PRODUCT NAME: Macromedia MX Developer Resource Kit (115801)

Macromedia Inc (423106)

600 Townsend St

San Francisco, CA 94103 United States

TELEPHONE: (415) 252-2000

Set	Items	Description
S1	17756	DOWNLOADABLE OR DOWNLOAD? ? OR DOWN()LOAD? ? OR EXECUTABLE?
		?
S2	1625	TOOLBAR? OR TOOL() (BAR? OR PALETTE?) OR (ROW? OR COLUMN?) (-) (ICON? OR SYMBOL? OR BUTTON? OR EMBLEM?)
S3	9416960	INTERFACE? OR COMMUNICAT? OR CONNECT? OR INTERACT? OR STRU- CTURE? OR FUNCTION? OR SOFTWARE?
S4	4549562	MODIF? OR CUSTOMIZE? OR ALTER? OR CHANGE? OR VARY? OR EDIT? OR REVIS? OR REVAMP? OR REWORK? OR ALTER? OR UP() (DATING OR - DATE? ?)
S5	677854	PREFERENCE? OR SELECTION OR CHOICE OR ELECTION
S6	4624531	PARAMETER? OR SCHEMA OR ATTRIBUTE? OR LIMIT? OR BOUND? OR - DATA()VALUE? OR DESCRIPT? OR TYPE()INFORMATION
S7	3623628	GROUP? OR CATEGORY? OR CLASS? ? OR SET OR SETS
S8	720980	CLIENT? OR STAND()ALONE? OR STANDALONE? OR PC OR PERSONAL(-)COMPUTER? OR WORKSTATION? OR WORK()STATION? OR NODE?
S9	9303438	EFFECT? OR MAKE? OR MAKING OR CAUSE? OR GENERAT? OR INDUC? OR OCCASION OR EXECUT? OR TRIGGER?
S10	87	(SOFTWARE OR APPLICATION? OR PROGRAM?) (2N) S2
S11	1134712	(APPLICATION OR SOFTWARE OR PROGRAM?) (2N) S3
S12	709542	LANGUAGE? OR DIALECT? OR SPEECH OR TONGUE? OR VERNACULAR
S13	324	INTERNATIONALIZING OR SOFTWARE(N)GLOBALIZATION
S14	1324069	RESOURCE? OR FILE OR DOCUMENT? OR DATABASE? OR DATA()BASE?
S15	39	S1 AND S2 AND S3
S16	1	S2 AND S4 AND (S5 (2N) S6)
S17	15857	S7 (2N) S14
S18	22	S17 AND S1 AND S8
S19	11	S9 AND S10 AND S4
S20	79986	S9 AND S11 AND S4
S21	0	S13 AND S10
S22	40	S13 AND S11
S23	103	S13 AND (SOFTWARE OR APPLICATION? OR PROGRAM?)
S24	10	S10 AND S12
S25	9	S17 AND S2
S26	26	S23 AND S14
S27	5	S23 AND S8
S28	103	S15 OR S16 OR S18 OR S19 OR S22 OR S24 OR S25 OR S26 OR S27
S29	87	S28 NOT PY>2000
S30	85	S29 NOT PD>20000602
S31	77	RD (unique items)
File	8: Ei Compendex(R)	1970-2004/Sep W4 (c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online	1861-2004/Sep (c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs.	1966-2004/Sep 09 (c) 2004 EBSCO Publishing
File	65: Inside Conferences	1993-2004/Oct W1 (c) 2004 BLDSC all rts. reserv.
File	2: INSPEC	1969-2004/Sep W4 (c) 2004 Institution of Electrical Engineers
File	233: Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	94: JICST-EPlus	1985-2004/Sep W1 (c) 2004 Japan Science and Tech Corp (JST)
File	99: Wilson Appl. Sci & Tech Abs	1983-2004/Aug (c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management	1989-2004/Jun W1 (c) 2004 FIZ TECHNIK
File	583: Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group

31/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04989439 E.I. No: EIP98044155578

Title: Creating global software : A conspectus and review

Author: Carey, Jane M.

Corporate Source: Arizona State Univ West, Phoenix, AZ, USA

Source: Interacting with Computers v 9 n 4 Feb 1998. p 449-465

Publication Year: 1998

CODEN: INTCEE ISSN: 0953-5438

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9806W1

Abstract: Ten books on the development of international **software** are reviewed and used to develop a framework for the globalization of **software**. Most of the books are written or edited by practitioners of global **software** development and therefore are filled with practical knowledge and methodologies which can guide the novice or even the experienced developer to first internationalize and then localize **software**. The books span a six year time span, during which the resources available to support the global **software** development effort have expanded and standards have been established, resulting in reduced effort. This conspectus starts with an introduction that includes several definitions, spells out the issues of translation from one language to another, localization, organization, culture, interface design, documentation, and quality assurance, recommends approaches for development of micro-based **software** for Macintosh and Windows environments, and ends with a unifying summary. (Author abstract) 15 Refs.

Descriptors: **Software** engineering; Computer **software**; Standardization; Social aspects

Identifiers: **Software** globalization; Internationalization

Classification Codes:

723.1 (Computer Programming); 902.2 (Codes & Standards); 901.4 (Impact of Technology on Society)

723 (Computer Software); 902 (Engineering Graphics & Standards); 901 (Engineering Profession)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

31/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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04849496 E.I. No: EIP97103881015

Title: Optimum human-machine interface design

Author: Inverso, Dennis; Sokoll, Robert

Corporate Source: DuPont Engineering

Source: Control Engineering v 44 n 12 Sep 1997. p 93-94, 96, 98

Publication Year: 1997

CODEN: CENGAX ISSN: 0010-8049

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9712W2

Abstract: The human-machine interface (HMI) layout design is **customized** to match the particular systems process its control **parameter** and **preferences**. A good screen design has a consistency with **tool bars**, color scheme, easy and obvious screen navigation and layout simplicity which can be used for all devices. An optimum HMI design can increase operator efficiency, enable operator empowerment, improve quality and acceptability of information, decrease training time and reduce downtime.

Descriptors: *User interfaces; Man machine systems; Ergonomics; Real time systems; Interactive computer graphics; Computer software; Computer monitors

Identifiers: Human machine interface (HMI) screens

Classification Codes:

722.2 (Computer Peripheral Equipment); 731.1 (Control Systems); 461.4

(Human Engineering); 722.4 (Digital Computers & Systems)
722 (Computer Hardware); 731 (Automatic Control Principles); 461
(Biotechnology); 723 (Computer Software)
72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 46
(BIOENGINEERING)

31/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04514514 E.I. No: EIP96093347704

Title: Computers and telecommunications in the year 2000 - viewing the future, empowering people, and internationalizing user interfaces

Author: Lund, Arnold; Laux, Lila; Aykin, Nuray

Corporate Source: Ameritech, Hoffman Estates, IL, USA

Conference Title: Proceedings of the 1996 40th Annual Meeting of the Human Factors and Ergonomics Society. Part 1 (of 2)

Conference Location: Philadelphia, PA, USA Conference Date: 19960902-19960906

E.I. Conference No.: 45349

Source: Proceedings of the Human Factors and Ergonomics Society v 1 1996. Human Factors and Ergonomics Society, Inc., Santa Monica, CA, USA. p 348-352

Publication Year: 1996

CODEN: PHFSDQ ISSN: 0163-5182

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9611W4

Abstract: In this, the first of three sets of position papers for the CTG-CSTG co-sponsored symposium on Computers and Telecommunications in the Year 2000, Arnold Lund describes a view of the future, based on technologies available today which, however, have yet to be integrated. Following his presentation, Lila Laux provides a paper reminding us that computers and telecommunications in the future will need to accommodate a wider variety of users, if we are to ensure that the elderly, individuals with disabilities, and other technology users with special needs are not to become an information-poor underclass in our world. Finally, Nuray Aykin discusses the problems and challenges we face in **internationalizing** and localizing user **interfaces** so that **software** developed in the United States can be successfully marketed abroad. (Author abstract)

Descriptors: User interfaces; Computers; Telecommunication; Human engineering; **Software** engineering; Automation

Identifiers: **Internationalizing** user interfaces

Classification Codes:

722.2 (Computer Peripheral Equipment); 722.4 (Digital Computers & Systems); 461.4 (Human Engineering); 723.1 (Computer Programming)

722 (Computer Hardware); 461 (Biotechnology); 723 (Computer Software); 731 (Automatic Control Principles)

72 (COMPUTERS & DATA PROCESSING); 46 (BIOENGINEERING); 73 (CONTROL ENGINEERING)

31/5/4 (Item 4 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04254546 E.I. No: EIP95092862973

Title: Internationalizing software with concurrent engineering

Author: Rafii, Farshad; Perkins, Sam

Corporate Source: Babson Coll, Wellesley, MA, USA

Source: IEEE Software v 12 n 5 Sep 1995. p 39-46.

Publication Year: 1995

CODEN: IESOEG ISSN: 0740-7459

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9511W3

Abstract: Market and industry dynamics demand **software** companies for the simultaneous global launch of new **software** products. Concurrent engineering offers a solution to this challenge by reducing the time and costs involved in **internationalizing** the base version and customizing the **software** for local markets. However, despite its advantages, concurrent engineering can incur substantially greater costs and risks than sequential development, and he requires very different attitudes, skills, management systems, organizational structures, and project designs than do traditional, sequential methods. A framework of options for balancing the benefits of a potential market against the risk of untried technologies is therefore presented. 12 Refs.

Descriptors: Concurrent engineering; Computer **software** ; Marketing; Spreadsheets; Management; Information technology; User interfaces

Identifiers: Customization; Communication infrastructure

Classification Codes:

723.5 (Computer Applications); 913.6 (Concurrent Engineering); 911.4 (Marketing); 723.1 (Computer Programming); 912.2 (Management)

723 (Computer Software); 913 (Production Planning & Control); 911 (Industrial Economics); 912 (Industrial Engineering & Management); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT); 90 (GENERAL ENGINEERING)

31/5/5 (Item 5 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04222167 E.I. No: EIP95082811601

Title: Internationalizing **UNIX***** software projects

Author: Scheer, Randall J.

Corporate Source: AT&T Bell Lab, Columbus, OH, USA

Source: AT&T Technical Journal v 74 n 3 May-Jun 1995. p 85-94

Publication Year: 1995

CODEN: ATJOEM ISSN: 8756-2324

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review)

Journal Announcement: 9510W1

Abstract: AT&T's international products are providing interfaces using the customer's own language and cultural conventions. Providing internationalized systems that support the conventions of a country, its language, and culture can provide a competitive advantage. Identifying customer needs and developing the internationalization architecture at the beginning of a project cuts life-cycle costs associated with internationalization. This paper describes the problems and issues of cost-effectively producing internationalized **software** products that run under the **UNIX***** operating system, although this discussion is applicable to other operating systems. (Author abstract) 11 Refs.

Descriptors: Computer **software** ; UNIX; Project management; **Software** engineering; Cost effectiveness; Marketing; International trade; Standards; Character sets; User interfaces

Identifiers: International products; Internationalization; Locale; Localization; Message catalogs

Classification Codes:

723.1 (Computer Programming); 912.2 (Management); 723.5 (Computer Applications); 911.4 (Marketing); 902.2 (Codes & Standards); 722.2 (Computer Peripheral Equipment)

723 (Computer Software); 912 (Industrial Engineering & Management); 911 (Industrial Economics); 902 (Engineering Graphics & Standards); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING); 91 (ENGINEERING MANAGEMENT); 90 (GENERAL ENGINEERING)

31/5/6 (Item 6 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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03432070 E.I. Monthly No: EIM9205-026656

Title: Software engineering globalization and localization.

Author: Farid, M.

Corporate Source: Dept of Math & Comput Sci, Eastern Connecticut State Univ, Storrs, CT, USA

Conference Title: 1990 IEEE International Conference on Systems, Man, and Cybernetics

Conference Location: Los Angeles, CA, USA **Conference Date:** 19901104

Sponsor: IEEE Systems, Man, & Cybernetics Soc

E.I. Conference No.: 16164

Source: Proceedings of the IEEE International Conference on Systems, Man and Cybernetics. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA (IEEE cat n 90CH2930-6). p 491-495

Publication Year: 1990

CODEN: PICYE3 **ISSN:** 0884-3627 **ISBN:** 0-87942-597-0

Language: English

Document Type: PA; (Conference Paper) **Treatment:** A; (Applications)

Journal Announcement: 9205

Abstract: The development of **software** under the constraints of different natural languages and local customs and cultures is addressed. Three questions are examined: how to make the core of the **software program** capable of handling data given in a different natural language without any loss of functionality, how to adapt the user interface so that it becomes a natural vehicle of communicating information with the user of a given language, taking into account the user's local customs and culture, and how to provide the user with the **software** capability of effectively working in a multilingual environment where two or more natural languages are simultaneously used. An example that shows what language conventions need to be considered and how to use these conventions at the implementation level is given. 12 Refs.

Descriptors: COMPUTER SOFTWARE --* Software Engineering; NATURAL LANGUAGE PROCESSING SYSTEMS; COMPUTER INTERFACES--Human Factors

Identifiers: SOFTWARE GLOBALIZATION ; SOFTWARE LOCALIZATION; PARSING ; COMPUTER-HUMAN INTERACTION; SPOKEN VS WRITTEN LANGUAGE; SEQUENCE COLLATING

Classification Codes:

723 (Computer Software)

72 (COMPUTERS & DATA PROCESSING)

31/5/7 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01703448 ORDER NO: AAD99-31348

REMAKING THE DEVELOPMENTAL STATE: THE IRISH SOFTWARE INDUSTRY IN THE GLOBAL ECONOMY (INFORMATION TECHNOLOGY)

Author: O'RIAIN, SEAN

Degree: PH.D.

Year: 1999

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)

Chair: MICHAEL BURAWOY

Source: VOLUME 60/05-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1788. 355 PAGES

Descriptors: SOCIOLOGY, SOCIAL STRUCTURE AND DEVELOPMENT ; SOCIOLOGY, INDUSTRIAL AND LABOR RELATIONS ; URBAN AND REGIONAL PLANNING

Descriptor Codes: 0700; 0629; 0999

This dissertation argues that economic globalization has transformed the role of the state in economic development. A 'Flexible Developmental State' has emerged to assume the mantle of the 'statist' development strategies of the 'Asian Tigers' and the Northern European social democracies. The origins, dynamics and sustainability of the Flexible Developmental State are analyzed through a detailed case study of the **software** industry in the

Republic of Ireland, drawing on interview, survey, documentary and ethnographic data.

The Flexible Developmental State nurtures Post-Fordist networks of production and innovation, attracts international investment and promotes development by linking these local and global technology and business networks. This is made possible by the multiple embeddednesses of state agencies in professional-led networks of innovation and in international capital and by the state's flexible organizational structure. However, these multiple state-society alliances lead to uneven internationalization of society and growing inequality, generating political tensions with which the fragmented state structure cannot deal effectively.

The Irish **software** industry has been nurtured by such a developmental state to the point where it is one of the most dynamic and technically sophisticated emerging **software** industries in the world, as well as a leading sector within the fastest growing economy in Europe in the 1990s. It is characterized by two modes of integration into the global economy—networks of sub-suppliers emerging around foreign investment and local firms successfully **internationalizing** their markets, alliances and financing. Each globalization of the industry has been underpinned by a set of state policies and institutional supports, provided through a highly flexible and effective state structure. However, inequality has risen rapidly and tensions are emerging between **software** firms and workers who are connected to the global economy and those workers and firms who are more deeply integrated into national neo-corporatist institutions.

The dissertation provides a detailed theory and empirical analysis of the social, political and organizational conditions of effective state action in promoting development in a global economy. It explains the potential and limits of the Flexible Developmental State in providing sustainable economic and social transformation.

31/5/15 (Item 1 from file: 65)

DIALOG(R) File 65:Inside Conferences

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03332255 INSIDE CONFERENCE ITEM ID: CN035217630

Benefits of internationalizing software and successful on-demand multilingual web publishing

Perinotti, T.

CONFERENCE: International conference on human-computer interaction-8th

P: 1337-1340

Mahwah, N.J., London, Lawrence Erlbaum, 1999

ISBN: 0805833919

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE EDITOR(S): Bullinger, H.-J.; Ziegler, J.

CONFERENCE LOCATION: Munich, Germany

CONFERENCE DATE: Aug 1999 (199908) (199908)

BRITISH LIBRARY ITEM LOCATION: m00/31655 = vol 1

NOTE:

Also known as HCI International '99; Includes bibliographical references and index

DESCRIPTORS: human-computer interaction ; HCI; application design; user interfaces

31/5/16 (Item 2 from file: 65)

DIALOG(R) File 65:Inside Conferences

(c) 2004 BLDSC all rts. reserv. All rts. reserv.

02225194 INSIDE CONFERENCE ITEM ID: CN023310906

Internationalizing Internet Identifiers

Duerst, M. J.

CONFERENCE: Unicode: Software development and the Internet; going global with Unicode-International conference; 11th

INTERNATIONAL UNICODE CONFERENCE, 1997; NUMBER 1 P: A4

San Jose, CA, Unicode, 1997

LANGUAGE: English DOCUMENT TYPE: Conference Papers and programme
CONFERENCE SPONSOR: Unicode
CONFERENCE LOCATION: San Jose, CA
CONFERENCE DATE: Sep 1997 (199709) (199709)

BRITISH LIBRARY ITEM LOCATION: 4551.500000
DESCRIPTORS: **software** development; internet; Unicode

31/5/17 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6749747 INSPEC Abstract Number: C2000-12-6110J-016

Title: Multilanguage programming

Author(s): Wendt, D.

Journal: Dr. Dobb's Journal vol.25, no.11 p.68, 70-4, 76

Publisher: Miller Freeman,

Publication Date: Nov. 2000 Country of Publication: USA

CODEN: DDJS DM ISSN: 1044-789X

SICI: 1044-789X(200011)25:11L:68:MP;1-7

Material Identity Number: B719-2000-010

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The world-wide distributing power of the Internet has made internationalization of **software** applications more important. Unfortunately, multilanguage support cannot be simply added to a program that was not designed for international use. This capability must be designed into the product in the early stages of development. There are many techniques to multilanguage-enable an application, depending on the language and available tools. In a simple application, **internationalizing** simply means separating the user interface text from the source code. However, a more complicated application must be sensitive to screen layout and locale-dependent sorting. Multilanguage Windows applications written in Visual C++ can be created with language-specific information in a resource DLL. Resource DLLs do not usually contain any code logic but encapsulate all the application resources (strings, dialogs, menus). Generally, a resource DLL is developed for each language (English, French, German, and so on) for the application and loaded programmatically depending on the system's locale settings. The problem with this approach is that adding or removing support for a new language may cause changes in either the install or program logic. The author presents a technique that lets multiple language resources be built into a single resource DLL and automatically referenced by Windows applications. (0 Refs)

Subfile: C

Descriptors: authoring systems; C++ language; C++ listings; language translation; object-oriented programming; visual languages

Identifiers: multilanguage programming; world-wide distributing power; Internet; internationalization; **software** applications; multilanguage support; user interface text; source code; screen layout; locale-dependent sorting; multilanguage Windows applications; Visual C++; language-specific information; resource DLL; application resources; locale settings; program logic; multiple language resources; Windows applications; single resource DLL

Class Codes: C6110J (Object-oriented programming); C7820M (Machine translation); C6110V (Visual programming); C6140D (High level languages); C6115 (Programming support)

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31/5/18 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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5946287 INSPEC Abstract Number: C9807-5540B-023

Title: Microsoft interactive media products: worldwide usability and design practices

Author(s): Corso, J.G.
Author Affiliation: Microsoft Usability Group, Microsoft Corp., Redmond, WA, USA
Conference Title: Design of Computing Systems: Cognitive Considerations. Proceedings of the Seventh International Conference on Human-Computer Interaction (HCI International '97) Part vol.2 p.513-16 vol.2
Editor(s): Salvendy, G.; Smith, M.J.; Koubek, R.J.
Publisher: Elsevier, Amsterdam, Netherlands
Publication Date: 1997 Country of Publication: Netherlands 2 vol. (xxvi+879+xxviii+1027) pp.
ISBN: 0 444 82183 X Material Identity Number: XX98-01308
Conference Title: Proceedings of HCI International 97. 7th International Conference on Human Computer Interaction jointly with 13th Symposium on Human Interface
Conference Date: 24-29 Aug. 1997 Conference Location: San Francisco, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: Many product teams at Microsoft Corporation are **internationalizing** their product line. Typically, native-speaking international program managers sit with the core product team while the product is being designed and developed to provide feedback on the core product specification and documentation for culturally inappropriate issues. In addition, many international program managers are responsible for writing the product specification for the product that they are responsible for releasing on schedule. There are many challenges in designing **software** for an international market. One of these challenges is designing a product that is easy to use. Over the past several years, Microsoft usability engineers have been conducting usability studies in Europe and Japan. This article describes our experience in usability testing of two international multimedia products. (1 Refs)
Subfile: C
Descriptors: interactive devices; **software** engineering; systems analysis; user interfaces
Identifiers: Microsoft interactive media products; worldwide usability; design practices; international program managers; feedback; product specification; documentation; usability studies
Class Codes: C5540B (Interactive-input devices); C6180 (User interfaces) ; C6100 (Software techniques and systems)
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31/5/20 (Item 4 from file: 2)
DIALOG(R) File 2:INSPEC
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5692579 INSPEC Abstract Number: C9710-6150N-068

Title: Internationalization and localization for open system
Author(s): Sun Yufang
Author Affiliation: Inst. of Software, Acad. Sinica, Beijing, China
Journal: Chinese Journal of Advanced Software Research vol.4, no.1 p.25-33
Publisher: Allerton Press,
Publication Date: 1997 Country of Publication: USA
CODEN: CJSRES ISSN: 1074-7443
SICI: 1074-7443(1997)4:1L.25:ILOS;1-2
Material Identity Number: C341-97003
U.S. Copyright Clearance Center Code: 1074-7443/97/\$50.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The issues presented in this paper are closely related to internationalization (I18N) and localization (L10N) methods, especially in Asian language processing. The paper describes the capabilities that are needed for an application to run in an international environment, the information that provides the background in understanding the handling of each L10N language, the multi-byte and wide-character functions that provide functionality paralleling that of the traditional classification,

data conversion, string handling and I/O techniques, and the I18N functional issues that are solved in order to realize a standardized I18N method. Finally, an open system programming model is presented for internationalizing programs. (5 Refs)

Subfile: C

Descriptors: character sets; code standards; encoding; open systems; programming; **software** standards; standardisation

Identifiers: program internationalization; program localization; I18N method; I18N method; Asian language processing; international environment; multi-byte function; wide-character function; classification techniques; data conversion techniques; string handling techniques; I/O techniques; functional issues; open system programming model; code sets; encoding schemes

Class Codes: C6150N (Distributed systems software); C6130D (Document processing techniques); C6110 (Systems analysis and programming)

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31/5/21 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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5405243 INSPEC Abstract Number: C9612-6160D-003

Title: Rapid application software development with Microsoft Access

Author(s): Bond, L.K.

Author Affiliation: Utah State Univ., Logan, UT, USA

Conference Title: Sixth International Conference on Computers in Agriculture p.1087-92

Editor(s): Zazueta, F.S.

Publisher: American Soc. Agric. Eng, St. Joseph, MI, USA

Publication Date: 1996 Country of Publication: USA xviii+1147 pp.

ISBN: 0 929355 74 1 Material Identity Number: XX96-01026

Conference Title: Proceedings of Computers in Agriculture Conference

Conference Date: 11-14 June 1996 Conference Location: Cancun, Mexico

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P); Product Review (R)

Abstract: Access 2.0 is a relatively easy to use software package that should be seriously considered by the developer of applications for the Windows environment. It is a visual programming tool, very much like Visual Basic, but its strengths are in relational database **applications**. Its floating **toolbar**, along with cue cards and powerful wizards simplify many programming tasks, resulting in a professional looking program. Unlike Visual Basic, a compiler must be purchased separately to create runtime applications. (3 Refs)

Subfile: C

Descriptors: relational databases; software reviews; visual **languages**; visual programming

Identifiers: rapid application software development; Microsoft Access; Access 2; software package; Windows environment; visual programming tool; relational database applications; floating toolbar; cue cards; wizards; programming tasks; professional looking program; runtime applications

Class Codes: C6160D (Relational databases); C6110V (Visual programming); C6130B (Graphics techniques); C6140D (High level languages)

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31/5/23 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

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4637561 INSPEC Abstract Number: C9405-6110B-038

Title: Unicode and software globalization

Author(s): Van Camp, D.

Journal: Dr. Dobbs's Journal vol.19, no.3 p.46, 48-50

Publication Date: March 1994 Country of Publication: USA

CODEN: DDJSDM ISSN: 1044-789X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Developers have traditionally produced **software** for the domestic U.S. market, then remarketed it overseas after a few simple modifications. This practice, however, is fast becoming unacceptable as more and more non-U.S. users expect **software** to 'speak' to them in their native tongue and conventions. Furthermore, non-U.S. computer markets are growing rapidly, forcing **software** developers to begin thinking internationally. Currently, a variety of character standards and proprietary extensions are being used to address application internationalization. In many cases, however, the result is often inefficient code that's difficult to maintain, hard to port, and expensive to produce—all problems the Unicode standard addresses. The author discusses the Unicode standard, which replaces single-byte ASCII and ANSI, multibyte ANSI, and nearly every other character-code standard currently defined. (0 Refs)

Subfile: C

Descriptors: character sets; **software** engineering; standards

Identifiers: **software** maintenance; **software** globalization ; computer markets; **software** developers; character standards; application internationalization; inefficient code; Unicode standard; single-byte ASCII ; ANSI; multibyte ANSI

Class Codes: C6110B (Software engineering techniques); C6130 (Data handling techniques)

31/5/34 (Item 9 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00516395 98PW12-017

HomeSite 4.0: modest design tool upgrade

Heltzel, Paul

PC World , December 1, 1998 , v16 n12 p106, 1 Page(s)

ISSN: 0737-8939

Company Name: Allaire

URL: <http://www.allaire.com>

Product Name: HomeSite 4.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of HomeSite 4.0 (**download** \$89; CD-ROM version \$99) from Allaire (888). Calls in an inexpensive program that dramatically increases the speed at which HTML files open and close. Says the user can also save time by customizing keyboard shortcuts and **toolbars** for frequently used features. Explains that its new WYSIWYG editing mode lets the user generate pages in a word processor-style **interface** , adding that this is helpful when facing a time crunch. Warns that editing mode requires Internet Explorer 4.0 or later, adding that if user wants WYSIWYG design, there are better editors in Microsoft FrontPage Express (a free IE add-on) or Netscape Composer (free with Netscape **Communicator**). Notes, however, that it does handle text expertly and its extended search and replace features for finding text anywhere on a Web site are among the best. Calls it a professional tool, not for simple home pages. Includes a product source guide. (map)

Descriptors: Web Page Authoring; Web Tools; Text Editor

Identifiers: HomeSite 4.0; Allaire

31/5/35 (Item 10 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00507347 98EA09-006

Internationalize your Java applications -- Create software packages that display information according to the customs of local users

Valesky, Tom

e-BUSINESS ADVISOR , September 1, 1998 , v16 n9 p50-53, 4 Page(s)

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Provides a profile on **internationalizing** Java applications. Says taking a business on-line means the business has become an international business. Explains Java's internationalization features make it easier to create localized versions of the user's solutions and improve their business success rate. Adds the more comfortable you can make your applications for users, the more responsive they will be to the business needs and more likely to revisit the site. Concludes that adding localization to an application can result in a broader appeal to worldwide customers, and the Java internationalization APIs are helpful tools that can assist the user in reaching a broader marketplace. Contains two screen displays and one sidebar. (EB)

Descriptors: Java; Business; Internet; Web Sites; Application Development; Marketing; International

31/5/38 (Item 13 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00489470 98PI03-088

Setup Wizard

Sipe, Steven E

PC Magazine , March 10, 1998 , v17 n5 p242-244, 2 Page(s)

ISSN: 0888-8507

Company Name: Sax **Software**

URL: <http://www.saxsoft.com>

Product Name: Setup Wizard 2.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of Setup Wizard 2.0 (\$149), an installation program from Sax **Software** Corp., Eugene, OR (800). The program is simple and easy to use. It presents project options in a list and users can change or add new options through **toolbar** buttons or menu items. A Project Wizard guides the user through generating the project. It allows setting the program title, default directory, and list of files. It can also scan **executable** files and determine which external DLLs and OCXs the file requires. Project options can be selected manually in the project option list and new options can be added. Once options are configured a Disk Wizard aids in generating distribution media which include floppy disks, CD-ROM, and e-mail. The program is a good performer which does not offer a lot of advanced configuration options, but its advanced features are welcome. It is a good basic package at a low price. Includes one screen display. (djd)

Descriptors: Programming Aids; Utility Program

Identifiers: Setup Wizard 2.0; Sax **Software**

31/5/75 (Item 50 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00279619 92PI06-051

ToolBook

Dickinson, Robert

PC Magazine , June 16, 1992 , v11 n11 p234, 236, 2 Page(s)

ISSN: 0888-8507

Company Name: Asymetrix

Product Name: ToolBook

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): a
Hardware/Software Compatibility: IBM PC AT Compatible; Microsoft Windows

Geographic Location: United States

Presents a very favorable review of ToolBook version 1.5 (\$395), a visual development environment from Asymetrix Corp., Bellevue, WA (206). The program requires 1.5MB RAM, a hard disk, DOS 3.1 or later, and Microsoft Windows 3.0 or later. The program uses a HyperCard metaphor to create applications, called 'books.' Application interfaces can be created quickly by selecting Windows controls and shapes from a floating **tool palette**, and the **program** allows import of graphics objects in a large number of formats. The programming **language** of the package is English-like and easy to learn and remember, as well as straightforward to use. The debugger is accessible from the script window. Also included are a command set for implementing DDE or linking into a Windows DLL. The speed improvement in version 1.5, together with power and ease of use, make this program an 'Editors' Choice.' Includes two screen displays. (djd)

Descriptors: Programming Aids; Window Software; Software Review

Identifiers: ToolBook; Asymetrix

31/5/77 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2004 The HW Wilson Co. All rts. reserv.

0950449 H.W. WILSON RECORD NUMBER: BAST91014691

Internationalizing software **engineering standards**

Edelstein, D. Vera; Fujii, Roger; Guerdatt, Craig

Computer v. 24 (Mar. '91) p. 74-8

DOCUMENT TYPE: Feature Article ISSN: 0018-9162 LANGUAGE: English

RECORD STATUS: New record

DESCRIPTORS: **Software** standards;

Set	Items	Description
S1	464750	DOWNLOADABLE OR DOWNLOAD? ? OR DOWN()LOAD? ? OR EXECUTABLE?
S2	26739	TOOLBAR? OR TOOL() (BAR? OR PALETTE?) OR (ROW? OR COLUMN?) (-) (ICON? OR SYMBOL? OR BUTTON? OR EMBLEM?)
S3	11328012	INTERFACE? OR COMMUNICAT? OR CONNECT? OR INTERACT? OR STRU- CTURE? OR FUNCTION? OR SOFTWARE?
S4	8850974	MODIF? OR CUSTOMIZE? OR ALTER? OR CHANGE? OR VARY? OR EDIT? OR REVIS? OR REVAMP? OR REWORK? OR ALTER? OR UP() (DATING OR - DATE? ?)
S5	2068024	PREFERENCE? OR SELECTION OR CHOICE OR ELECTION
S6	3995901	PARAMETER? OR SCHEMA OR ATTRIBUTE? OR LIMIT? OR BOUND? OR - DATA()VALUE? OR DESCRIPT? OR TYPE()INFORMATION
S7	10202111	GROUP? OR CATEGORY? OR CLASS? ? OR SET OR SETS
S8	3965783	CLIENT? OR STAND()ALONE? OR STANDALONE? OR PC OR PERSONAL(-)COMPUTER? OR WORKSTATION? OR WORK()STATION? OR NODE?
S9	14326744	EFFECT? OR MAKE? OR MAKING OR CAUSE? OR GENERAT? OR INDUC? OR OCCASION OR EXECUT? OR TRIGGER?
S10	1513	(SOFTWARE OR APPLICATION? OR PROGRAM?) (2N)S2
S11	4686140	(APPLICATION OR SOFTWARE OR PROGRAM?) (2N)S3
S12	1064668	LANGUAGE? OR DIALECT? OR SPEECH OR TONGUE? OR VERNACULAR
S13	1630	INTERNATIONALIZING OR SOFTWARE(N)GLOBALIZATION
S14	686	S1 (S) S2 (S) S3
S15	8	S2 (S) S4 (S) (S5 (2N) S6)
S16	108837	S7 (2N) (RESOURCE? OR FILE OR DOCUMENT? OR DATABASE? OR DA- TA()BASE?)
S17	190	S16 (S) S1 (S) S8
S18	3	S14 (S) S17
S19	148	S9 (S) S10 (S) S4
S20	217338	S9 (S) S11 (S) S4
S21	0	S13 (S) S10
S22	315	S13 (S) S11
S23	461	S13 (S) (SOFTWARE OR APPLICATION? OR PROGRAM?)
S24	0	S17 (S) S22
S25	1511	S10 (S) S2
S26	161	S16 (S) S2
S27	0	S14 (S) S22
S28	0	S14 (S) S23
S29	461	S22 OR S23
S30	340	S29 (S) S3
S31	0	S30 (S) S14
S32	0	S30 (S) S15
S33	115	S30 (S) S12
S34	217399	S19 OR S20
S35	217357	S34 (S) S3
S36	849	S35 (S) S2
S37	124	S36 (S) S14
S38	0	S36 (S) S15
S39	126	S15 OR S18 OR S 26 OR S33 OR S38
S40	72	S39 NOT PY>2000
S41	50	RD (unique items)

File 15:ABI/Inform(R) 1971-2004/Oct 04

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File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 647:CMP Computer Fulltext 1988-2004/Sep W3

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File 275:Gale Group Computer DB(TM) 1983-2004/Oct 04

(c) 2004 The Gale Group

File 674:Computer News Fulltext 1989-2004/Aug W5

(c) 2004 IDG Communications

File 696:DIALOG Telecom. Newsletters 1995-2004/Oct 01

(c) 2004 The Dialog Corp.

File 621:Gale Group New Prod. Annou. (R) 1985-2004/Oct. 04

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File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 04

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File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
File 613:PR Newswire 1999-2004/Oct 04
 (c) 2004 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2004/Oct 04
 (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
File 553:Wilson Bus. Abs. FullText 1982-2004/Aug
 (c) 2004 The HW Wilson Co

41/5,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02103425 65228140

USE FORMAT 9 FOR FULL TEXT

Travelocity overcomes barriers in its global expansion

Goodridge, Elisabeth

Informationweek n816 PP: 76-78 Dec 11, 2000 CODEN: INFWE4 ISSN:

8750-6874 JRNL CODE: IWK

DOC TYPE: Periodical; Feature LANGUAGE: English RECORD TYPE: Fulltext

LENGTH: 2 Pages

SPECIAL FEATURE: Photograph

WORD COUNT: 1227

ABSTRACT: Travelocity. If you are an American, the word kind of rolls off your **tongue**. But for Britons or Germans who phonetically pronounce it Travel-O-City, the word really loses its allure. The pronunciation problem and its possible repercussions on the Travelocity brand was just one of many issues the company encountered when it began expanding its operations to the international market last year. Through an intricate mix of partners, **globalization software**, and existing technology and assets, Travelocity now supports sites in the United States, Canada, the United Kingdom, and Germany, and plans to move into Japan early next year.

COMPANY NAMES:

Travelocity (NAICS:561510)

DESCRIPTORS: Travel agencies; Web sites; Globalization; Expansion;

Manycountries

CLASSIFICATION CODES: 1300 (CN=International trade & foreign investment);

5250 (CN=Telecommunications systems & Internet communications); 9180

(CN=International)

PRINT MEDIA ID: 11647

ABSTRACT: Travelocity. If you are an American, the word kind of rolls off your **tongue**. But for Britons or Germans who phonetically pronounce it Travel-O-City, the word really loses its...

...it began expanding its operations to the international market last year. Through an intricate mix of partners, **globalization software**, and existing technology and assets, Travelocity now supports sites in the United States, Canada, the United Kingdom...

41/5,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02103424 65228129

USE FORMAT 9 FOR FULL TEXT

Business on the World Wide Web

Gareiss, Dawn

Informationweek n816 PP: 69-78 Dec 11, 2000 CODEN: INFWE4 ISSN:

8750-6874 JRNL CODE: IWK

DOC TYPE: Periodical; Feature LANGUAGE: English RECORD TYPE: Fulltext

LENGTH: 5 Pages

SPECIAL FEATURE: Illustration Photograph Table

WORD COUNT: 1725

ABSTRACT: US companies that operate their E-businesses as though their country has the only culture worth paying attention to are in for a rude awakening. Already, more than half the world's online users do not live in the United States; they speak different languages, use different currencies, abide by different legal systems, and have very different preferences, experiences, and tastes than their American counterparts. Unquestionably, the Internet has opened foreign markets that, for decades, have been costly and difficult to enter. Enter Web globalization, a new

breed of software to help multinational E-businesses manage, synchronize, and update the content of multiple-language sites. Services include translation into one or more foreign languages and Web-site localization that helps companies adapt their businesses to a particular market or culture.

DESCRIPTORS: Globalization; Web sites; Translations; Software; Services
CLASSIFICATION CODES: 5240 (CN=Software & systems); 8331 (CN=Internet services industry); 9180 (CN=International)
PRINT MEDIA ID: 11647

...TEXT: content," Spear says. After launching the company's first Web site in January, Spear began looking for **globalization software** and is in the final stages of implementing Idiom's WorldServer.

The software will help Go2Call.com...

... to the other sites. A third-party translator handles the translations, through an agreement with Idiom.

Implementing **globalization software** can be costly. WorldServer starts at \$125,000. But for Go2Call.com, time to market overruled price concerns. "It gives us a capacity to deliver many **languages** fairly soon," says Spear.

Like any software package, the globalization tools available today can't handle everything...

41/5,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00784477 94-33869

USE FORMAT 9 FOR FULL TEXT

Internationalizing Motif

Reichard, Kevin; Johnson, Eric F

UNIX Review v11n12 PP: 91-98 Dec 1993 ISSN: 0742-3136 JRNL CODE: UXR

DOC TYPE: Journal article LANGUAGE: English LENGTH: 5 Pages

WORD COUNT: 1971

ABSTRACT: With Motif's support for X Window input methods, Motif applications can be written that handle input and output of Asian language text. In Asian countries, the task of creating a compose key or dead-key combination is difficult because of the larger character sets. The default language procedure should set up and verify the locale. The locale encapsulates the character set, language, dialect, and formatting preferences for a given group. To test a Motif application in another language environment, the shell's locale should be set up with the LANG environment variable. To test programs under an Asian locale, both locale support and an input-method server are needed. A valid fontList resource for any Asian text is also needed. The foreign market is one of the fastest-growing markets for computer software. This trend alone should be a good incentive to internationalize applications.

GEOGRAPHIC NAMES: US; Asia

DESCRIPTORS: X systems; Applications; Computer programming; Languages;
Input output

CLASSIFICATION CODES: 9190 (CN=United States); 9179 (CN=Asia & the Pacific); 5240 (CN=Software & systems)

...TEXT: of X Window Release 5 and Motif 1.2, your code requires the inclusion of just one **function** call, XtSetLanguageProc, to **connect** an **application** to an input-method server. An input method is a way--usually **software**--to convert the user's keyboard input into the local **language**'s text. Input methods are just one aspect for **internationalizing** your

code, but an important aspect nonetheless.

Readers in the United States take input methods for granted...

41/5,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00720322 93-69543

USE FORMAT 9 FOR FULL TEXT

Internationalizing programs

Reichard, Kevin; Johnson, Eric F

UNIX Review v11n7 PP: 103-112 Jul 1993 ISSN: 0742-3136 JRNL CODE: UXR

DOC TYPE: Journal article LANGUAGE: English LENGTH: 7 Pages

WORD COUNT: 2306

ABSTRACT: More and more software developers are finding that they need to market their products internationally. Increasingly, customers are tired of being offered software only in English. The time has come to start building user interfaces that support local languages. Soon people may need to internationalize their code. Internationalization is the process of making a user's code operable in a number of different locales. Since most new UNIX software uses an X-Window, the right approach is to develop internationalized X applications as well as internationalized C and C++ applications. This difficult task becomes much easier with facilities added in X11 Release 5 and Motif 1.2. Suggestions on how to internationalize programs are presented.

DESCRIPTORS: Software; User interface; Operating systems ; Languages;

Product development; Globalization; Methods

CLASSIFICATION CODES: 5240 (CN=Software & systems); 9180 (CN=International)
; 7500 (CN=Product planning & development)

...TEXT: to run in a particular locale. Localization includes the process of translating all text messages into another **language**, observing local customs in **software**, and making sure no bitmaps are designed to offend the local population. The locale is made up of three parts: the **language**, such as French; the country, such as Canada; and the character encoding, such as Latin-1 (ISO...

41/5,K/7 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
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0116493 BW604

UNISOFT: UniSoft announces availability of X/Open verification and Global Language Support

February 6, 1989

Byline: Business Editors/Computer Writers

Dateline: Emeryville, Calif.

Time: 06:35 PT

Word Count: 649

UniSoft Corp. Monday announced that its X/Open verification testing service is now available to computer system manufacturers.

The service verifies that a UNIX system conforms to X/Open's common application environment, allowing manufacturers to use the X/Open branding symbol on their equipment. The verification and branding program was first announced by the X/Open Consortium in October 1988, and UniSoft was selected to provide the testing.

The company also announced the availability of Global Language

Support (GLS). UniSoft's GLS enables computer software users to interact with UNIX application or system software in their native language with their local customs. GLS is based upon Hewlett-Packard's product, Native Language Support.

This technology has been chosen by X/Open as the standard for internationalizing software. The GLS product provides **functionality** for computer **software** developers to turn their one **language** product into a multi-national offering. UniSoft's GLS is available now for OEMs and systems integrators interested in addressing the international marketplace with their UNIX systems.

"Most governments and industry consortiums are demanding X/Open compliance," said Al Sisto, UniSoft's chief operating officer. "We think many of the industry's key players will be asking for both our verification service and our Global Language Support product.

"Support for multiple languages is becoming more and more important in the international UNIX arena. GLS meets this need by providing application portability from country to country."

Commenting on the UniSoft announcement, Bill Bonnin, X/Open's vice president of North American operations, stated, "X/Open selected UniSoft to provide the verification services because of UniSoft's UNIX expertise and their ability to provide international support.

"UniSoft has ported UNIX to many different hardware systems, and is experienced in providing testing and verification services. It's X/Open's goal to create an open systems computing environment, and we look forward to working with UniSoft to implement this service."

UniSoft's X/Open verification service uses the X/Open verification Suite (VSX) to build and execute test programs which test UNIX systems for CAE compliance, as defined by the X/Open Portability Guide.

Once UniSoft has verified a system as compliant, the customer may sign a contract with X/Open to use the X/Open brand, and to agree to report all sales of X/Open branded systems.

UniSoft provides the customer with actual test results and a report identifying non-compliant components of the system. UniSoft can also provide engineering consulting services if the customer needs assistance in passing the verification test suite.

Testing will take place at UniSoft's headquarters in Emeryville or at its London office. Fees are based on a testing period of no more than three days, and include a licensing fee payable (by UniSoft) to X/Open. UniSoft charges \$7,500 for testing a company's first computer system and \$5,000 for testing any subsequent systems at the same time.

Localization, the process by which programs are adapted to the end user's local language, has traditionally been achieved by modifying existing programs country-by-country, a time-consuming and costly procedure.

GLS provides tools, commands and files that enable a programmer to prepare, maintain and run international application or system software. By storing all language and local custom information in tables, GLS makes it possible for one version of software to support multiple languages. GLS can be integrated with any BSD, HP-UX, UniPlus+ or any SVID compatible UNIX system release V.2 or greater.

UniSoft Corp. provides UNIX products and global support and services to system integrators, value-added resellers and computer manufacturers.

UniSoft offers a range of products, including language compilers, business productivity tools, system utilities and high-quality documentation. These products, along with UniSoft's service and support, provide systems manufacturers with global support and complete UNIX solutions from a single source. UniSoft is a privately held company that was founded in 1981.

Note to Editors: UNIX is a registered trademark of AT&T Bell Laboratories.

UniSoft and UniPlus+ are registered trademarks of UniSoft Corp.

CONTACT: UniSoft Corp., Emeryville
Sheri Jennings, 415/420-6400
or

Waterside Associates, Fremont, Calif.
Kim Shanley, 415/792-2901

KEYWORD: CALIFORNIA

...technology has been chosen by X/Open as the standard for internationalizing software. The GLS product provides **functionality** for computer **software** developers to turn their one **language** product into a multi-national offering. UniSoft's GLS is available now for OEMs and systems integrators...

41/5,K/8 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01228354 CMP ACCESSION NUMBER: IWK20001211S0049

Business On The World Wide Web - It's not enough to have Web pages that sell wares in English. With 75% of the world's Web market expected to live outside the United States by 2005, global appeal is the byword.

Dawn Gareiss
INFORMATIONWEEK, 2000, n 816, PG101
PUBLICATION DATE: 001211
JOURNAL CODE: IWK LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: GLOBAL STRATEGIES
WORD COUNT: 1634
TEXT:

U.S. companies that operate their E-businesses as though their country has the only culture worth paying attention to are in for a rude awakening. Already, more than half the world's online users don't live in the United States; they speak different languages, use different currencies, abide by different legal systems, and have very different preferences, experiences, and tastes than their American counterparts. COMPANY NAMES (DIALOG GENERATED): Go2Call ; Hewlett Packard ; International Data Corp ; Jupiter Research ; RWS Group ; Translate Inc ; Uniscape Inc
... content," Spear says. After launching the company's first Web site in January, Spear began looking for **globalization software** and is in the final stages of implementing Idiom's WorldServer.

The software will help Go2Call.com...

...to the other sites. A third-party translator handles the translations, through an agreement with Idiom.

Implementing **globalization software** can be costly. WorldServer starts at \$125,000. But for Go2Call.com, time to market overruled price concerns. "It gives us a capacity to deliver many **languages** fairly soon," says Spear.

Like any software package, the globalization tools available today can't handle everything...

41/5,K/9 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
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01139021 CMP ACCESSION NUMBER: INW19970922S0070

Visual Java Tools - Toward A Codeless Society (Hands On)
David Aubrey
INTERNETWEEK, 1997, n 682, PG47
PUBLICATION DATE: 970922
JOURNAL CODE: INW LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Reviews

WORD COUNT: 2160

TEXT:

One of the shimmering promises of Object-oriented technology is the creation of a codeless rapid application development environment- making it possible to quickly string together a selection of prebuilt components to form a robust application. The acceptance of Java has spawned a steady stream of new products aimed in this direction and touting their RAD, if not codeless, capabilities. Two such examples are ObjectShare's Parts for Java 2.0 and Elemental Software's Drumbeat 1.0:

... basic elements; a Toolbar, Global Viewer, Content Pane, Media Palette, Element Palette and a Layout Area.

The **Toolbar** is customizable, but this is **limited** to a **selection** of six tool categories. You can select from the Standard set, which contains buttons for opening and closing Web site projects, **editing** tools, help and the publisher. Other sets are: script and content view toggles, image hotspot tools, component...

41/5,K/11 (Item 4 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
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00647257 CMP ACCESSION NUMBER: UNX19890220S4140

UniSoft Offers X/Open CAE Compliance Tests

UNIX TODAY , 1989, n 013, 48

PUBLICATION DATE: 890220

JOURNAL CODE: UNX LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: 013PG48

WORD COUNT: 186

TEXT:

EMERYVILLE, CALIF.-UniSoft has made available its X/Open verification testing service, which enables computer manufacturers to assure users that their UNIX systems conform to the X/Open Common Applications Environment (CAE).

The UNIX **software** developer also unveiled its Global **Language** Support (GLS) technology, based on Hewlett-Packard's Native **Language** Support product. HP's NLS was chosen by X/Open as its standard **internationalizing software**.

Under its contract with X/Open to provide CAE compliance testing, UniSoft will verify CAE conformance, which...

41/5,K/15 (Item 4 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02226726 SUPPLIER NUMBER: 21164124 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Supporting multilanguage text layouts and complex scripts with Windows NT 5.0.(includes glossary) (Technology Tutorial) (Tutorial)

Bishop, F. Avery; Brown, David C.; Meltzer, David M.

Microsoft Systems Journal, v13, n11, p57(11)

Nov, 1998

DOCUMENT TYPE: Tutorial ISSN: 0889-9932 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8510 LINE COUNT: 00746

ABSTRACT: Microsoft Windows NT 5.0 will offer a multilanguage version that will allow per-user settings of the user interface language. NT 5.0's multilingual features include enabling all language versions for all supported languages and a new Unicode script processor called Uniscribe for two-byte characters. The shaping engines that comprise the Windows Unicode Script Processor implement the Unicode standard for complex text layouts. OpenType is a Unicode-based font format developed jointly by Microsoft and Adobe that extends the TrueType font file format originally designed by

Apple to allow mapping between characters and glyphs. Multilingual input is fairly simple using special code corresponding to the input locale and enumerating compatible fonts. Uniscribe is a collection of APIs that lets a text layout client format complex scripts. Techniques for formatting paragraphs in a sample application are presented.

SPECIAL FEATURES: illustration; table; chart; program
COMPANY NAMES: Microsoft Corp.--Products
DESCRIPTORS: Operating System; Programming Tutorial
PRODUCT/INDUSTRY NAMES: 7372502 (Operating Systems)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
TRADE NAMES: Microsoft Windows NT 5.0 (Operating system)--Programming
FILE SEGMENT: CD File 275

... files. In addition, Microsoft has created new services for text layout that support a wide range of **languages**. By **internationalizing** the Windows(R) text layout **interfaces**, Microsoft has made it easier to develop **applications** that can lay out text for almost any **language**.

For developers of global applications, the shift to a single worldwide binary strategy is welcome news; different...

41/5,K/22 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01494686 SUPPLIER NUMBER: 11711180 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Foreign Language Pre-Processor and String Externalization Tools. (Network Dynamics Inc.) (Software Review) (Evaluation)
Burk, Ron
Windows-DOS Developer's Journal, v3, n1, p61(5)
Jan, 1992
DOCUMENT TYPE: Evaluation ISSN: 1059-2407 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2344 LINE COUNT: 00179

ABSTRACT: Network Dynamics Inc's \$149.95 String Externalization Tools and \$349.95 Foreign **Language** Pre-Processor efficiently handle the job of automating tasks performed in extracting the strings out of C **programs** when **internationalizing applications**. Both **programs** are far from elaborate, offering only the bare minimum in documentation and user **interface** and installation that simply consists of using the COPY command. The String Externalization Tools **application** provides both a **program** for string extraction and a routine library for loading strings at startup. The **program** handles all possible string escape sequences and also provides the capability of re-extracting strings. The Foreign **Language** Pre-Processor takes a somewhat different approach and lets developers avoid the overhead of dynamic loading in an external string file. Developers create a different executable file for each **language**.

SPECIAL FEATURES: illustration; program
COMPANY NAMES: Network Dynamics Inc. (Williamsburg, Virginia)--Products
DESCRIPTORS: Application Development Software; Evaluation; String Processing
SIC CODES: 7372 Prepackaged software
TRADE NAMES: String Externalization Tools (Program development software)
--evaluation; Foreign Language Pre-Processor (Program development software)--evaluation
FILE SEGMENT: CD file 275

ABSTRACT: Network Dynamics Inc's \$149.95 String Externalization Tools and \$349.95 Foreign **Language** Pre-Processor efficiently handle the job of automating tasks performed in extracting the strings out of C **programs** when **internationalizing applications**. Both **programs** are far from elaborate, offering only the bare minimum in documentation and user **interface** and installation that simply consists of using the COPY command.

The String Externalization Tools **application** provides both a **program** for string extraction and a routine library for loading strings at startup. The **program** handles all possible string escape sequences and also provides the capability of re-extracting strings. The Foreign **Language** Pre-Processor takes a somewhat different approach and lets developers avoid the overhead of dynamic loading in an external string file. Developers create a different executable file for each **language**.

... biggest job you face in internationalizing software is getting the strings out. Every string constant in your **program** is a candidate for translation to the target **language**. You do not want to ship a product, for example, with beautiful German menus and help messages that emits an English error message when it runs out of memory. This article examines two **software** packages from Network Dynamics designed to eliminate the drudgery of getting the strings out of C **programs**.

One approach to handling string constants is to store them in a separate file and load them...

41/5,K/23 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01476005 SUPPLIER NUMBER: 11940014
Internationalizing **your** application . (developing software in multiple languages) (Smalltalk) (column) (Tutorial)
Pugh, John; LaLonde, Wilf
Journal of Object-Oriented Programming, v4, n8, p59(4)
Jan, 1992
DOCUMENT TYPE: Tutorial ISSN: 0896-8438 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: The internationalization of business environments makes it more important to be able to develop software in several national languages. It is best to be able to change the 'nationality' of an application without having to modify the source code. Smalltalk/V Presentation Manager (PM) provides direct access to the available operating systems level internationalization facilities in OS/2 release 1.2 and later to allow country-specific formatting for dates, times, currency and numbers. Special facilities are also provided that allow language-specific text to be isolated from the application source code. A checking account manager program developed in previous columns is internationalized to demonstrate these facilities; a French Canadian version of the account manager user interface, developed initially in English, is implemented.

SPECIAL FEATURES: illustration; program
DESCRIPTORS: Programming Instruction; Object-Oriented Programming; Tutorial; Foreign Languages; User Interface; Smalltalk; Applications; Checking Accounts; Software Packages; Application Development Software; French Language
SIC CODES: 7372 Prepackaged software
TRADE NAMES: Smalltalk/V PM (Program development software)--Usage
OPERATING PLATFORM: OS/2 PM
FILE SEGMENT: CD File 275

Internationalizing **your** application . (developing software in multiple languages) (Smalltalk) (column) (Tutorial)

41/5,K/26 (Item 15 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01203734 SUPPLIER NUMBER: 06151850
The internationalization of UNIX.
Barnes, Karen
UNIX World, v4, n12, p57(6)
Dec, 1987
ISSN: 0739-5922 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: UNIX must currently be localized to the **language** of each host country with several resulting problems, but the movement to **internationalizing** UNIX will provide easy portability from nation to nation. The problems of localizing UNIX include inability of binary algorithms to represent two character letters, as the Spanish "ch", and the need to use all 8 bits of each ASCII character for European character sets, a problem for **programs** that use that eight bit. The intent in **internationalizing** UNIX is to provide a set of systemwide tools that enable **software** developers to create products that can be used throughout the world. Internationalization must address the following issues: character sets, commands, compilers, libraries, files, and announcement mechanisms. Major standardization efforts are being made by the X-OPEN and -usr-group internationalization working groups.
CAPTIONS: Various standards for internationalization. (chart); Major components of internationalization. (chart)

SPECIAL FEATURES: illustration; photograph; chart
DESCRIPTORS: Implementation; Standard; International Organizations; UNIX; Trends; Cost Benefit Analysis; Operating System
SIC CODES: 7372 Prepackaged software
OPERATING PLATFORM: UNIX
FILE SEGMENT: CD File 275

ABSTRACT: UNIX must currently be localized to the **language** of each host country with several resulting problems, but the movement to **internationalizing** UNIX will provide easy portability from nation to nation. The problems of localizing UNIX include inability of...

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41/5,K/27 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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02653755 Supplier Number: 65366766 (THIS IS THE FULLTEXT)
SDL International Wins Saba Contract; Globalizing eLearning.
Business Wire, p2069
Sept 22, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 443
TEXT:

Business Editors
MAIDENHEAD, England & SAN FRANCISCO--(BUSINESS WIRE)--Sept. 22, 2000
SDL International (LSE: LS SDL - news), a leading Internet globalization product and service provider, today announced the signing of an agreement with Saba (Nasdaq:SABA), a leading provider of e-learning infrastructure. SDL's **globalization software** and services enables enterprises to transform a single- **language** Web site into a centrally-managed, multilingual and multicultural Web presence.
Saba is using SDL's WebFlow(TM) software product to maintain their multilingual Web site, creating an international Web presence in multiple languages, including German, French and Spanish. SDLWebFlow(TM) facilitates deployment of global Web sites embracing multiple countries, languages, cultures and business practices while leveraging an organization's existing Web architecture, content and management workflow systems. As a result, SDLWebFlow(TM) will enable Saba to sustain the synchronicity within its English site while providing a Web presence that functions on a global scale.

"Partnering with Saba is an excellent opportunity for both companies to expand services to more strategic industry sectors," said Mark

Lancaster, president and CEO of SDL International. "We are pleased to support Saba's efforts in creating sustainable competitive advantages for businesses and individuals around the world."

Saba develops and markets e-learning infrastructure, which consists of Internet-based learning management systems, business-to-business learning exchanges, and related services. Saba Learning(TM) is now the e-learning infrastructure of choice for more than 2.8 million people. In July the company was added to the Russell 2000(R) Index and the Russell 3000(R) Index.

"We're excited about the possibilities created by our contract with SDL International," said Teo Topcubasi, director of International Product Management for Saba. "With their exceptional talent and dedication to customer service, we can assist more companies in rapidly building the skills critical to achieving and maintaining a competitive edge in the global marketplace."

About SDL International

SDL International (<http://www.sdlintl.com>), quoted on the London Stock Exchange, is a leading globalization solutions provider. Its unique combination of products and services provide the customer with the total solution to target an international audience. With employees and offices throughout the USA, Asia and Europe, SDL International provides multilingual business-to-business solutions through state-of-the-art technology such as SDLWebFlow(TM) and SDLX(TM) Translation Memory, as well as in-house translation services in the world's languages.

SDL's clients include companies such as Adobe, Corel, eBay, Oracle, HP, Leisureplanet, Microsoft, Seagate and 3Com.

About SABA

Saba is a leading global provider of learning management solutions. Customers around the world rely on Saba's eLearning infrastructure -- as well as online and offline training from Saba's learning providers -- to increase competitive advantage by rapidly building critical skills throughout their extended enterprise of customers, partners, employees and suppliers.

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PUBLISHER NAME: Business Wire

COMPANY NAMES: *SDL International; Saba

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

... signing of an agreement with Saba (Nasdaq:SABA), a leading provider of e-learning infrastructure. SDL's **globalization software** and services enables enterprises to transform a single- **language** Web site into a centrally-managed, multilingual and multicultural Web presence.

Saba is using SDL's WebFlow...

41/5,K/28 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02632171 Supplier Number: 65015431 (THIS IS THE FULLTEXT)

Go2Call Partners With Idiom, Inc. to Expand Global Internet Telephony Business; Go2Call Uses Idiom Technologies and Services to Assist with International Market Expansion.

Business Wire, p2555

Sept 6, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 638

TEXT:

Business/Technology Editors

WALTHAM, Mass.--(BUSINESS WIRE)--Sept. 6, 2000

Idiom Technologies, Inc., the premier provider of e-business globalization solutions, today announced that Go2Call, leading international PC-to-phone service provider, will engage Idiom to assist with its expansion efforts. Specifically, Go2Call will purchase and utilize Idiom's WorldServer(TM) **globalization software** as well as Idiom's technical implementation and translation services to create customized,

local **language** versions of its site. The decision to utilize WorldServer is directly related to the results achieved during a Global Readiness Assessment(R) (GRA) test recently conducted by Idiom for Go2Call.

Go2Call offers free PC-to-phone calling service to a growing list of countries, including the US, Canada, the UK, Ireland and Germany. According to Larry Spear, Go2Call co-founder, the company's focus on international markets requires an optimization of the site for multi-lingual and multi-cultural capability. "Seventy-five percent of our user base resides outside of the United States. As we grow our business, we're developing products and services based on local needs that we'll introduce to our users around the world in multiple languages. Idiom's GRA and WorldServer services offer proven globalization technology to enhance our development process."

Added Fred Lizza, Idiom's president and CEO, "The e-business revolution is driving new ways of doing international business. Idiom's **globalization software** and services are helping Go2Call expand its international role in the growing Internet telephony market. For example, in utilizing our WorldServer **software** and our translation services, Go2Call gains a competitive advantage in addressing international customers in their own **language** and cultural preferences."

The Process of Going Global

Idiom's GRA helped Go2Call solidify its web globalization strategy and assess the business, technical, and procedural issues involved in establishing and maintaining a multi-national, multi-cultural Web presence. WorldServer's unique Business Rule Linkage(TM) will enable the company to establish and enforce business rules regarding sharing of content across multiple locales. This will also help Go2Call strike the balance between centralized control to ensure a powerful global brand and local content that more closely matches the market needs within each country. In addition, Go2Call will leverage Idiom's translation services to consistently manage the overall initiative content across international markets.

About Go2Call

Go2Call is the first provider of free, web-based calling across the US, Canada and Europe, including the UK, Ireland and Germany. Founded in 1998, Go2Call is a comprehensive, one-stop resource, offering a broad range of Internet calling information, products and services. Go2Call, a pre-IPO company, received first round funding from First Analysis Venture Capital, one of America's leading venture capital firms. For more information visit www.go2call.com, www.go2call.co.uk, www.go2call.ie or de.go2call.com

About Idiom Technologies, Inc.

Idiom is the world's premier provider of Web globalization solutions for e-business. Idiom's approach encompasses software, strategy, and services that enable organizations such as Lycos Tripod(R), Travelocity.com(TM), Xerox(TM), and Xilinx, Inc.(TM), to deploy a multilingual and multicultural Web presence, thereby increasing revenue, improving customer loyalty and reinforcing brand. Idiom's flagship WorldServer(TM) product is Web-based software that allows organizations to maintain a Web architecture that functions on a global scale, providing distributed control and collaboration among managers and contributors worldwide. Idiom is funded by Greylock, North Bridge Venture Partners, Sigma Partners and JAFco America Ventures. Idiom was recently named one of Computerworld's "Top 100 Emerging Companies to Watch in 2000." and by UPSIDE Magazine as one of the "Hot 100 Private Companies." For information, call (617) 456-3000, visit <http://www.idiominc.com> or email info@idiominc.com. Idiom's strategic partners include Vignette Corporation, a reseller of WorldServer for Vignette, Interwoven, Inc., Akamai Technologies, Adero, Inc., and Digital Island, Inc.

Idiom Technologies, Global Readiness Assessment, and WorldServer are trademarks of Idiom, Inc. Other products and/or service names mentioned herein are or may be registered trademarks or trademarks of their respective companies or organizations.

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PUBLISHER NAME: Business Wire

COMPANY NAMES: *Idiom Technologies Inc.; Sigma Partners L.P.

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372681 (Internet Access Software)
INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)
SIC CODES: 7372 (Prepackaged software)
NAICS CODES: 51121 (Software Publishers)

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The Process of Going Global

Idiom's GRA helped Go2Call solidify its web globalization...

41/5,K/32 (Item 6 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
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01671876 Supplier Number: 50141408 (THIS IS THE FULLTEXT)

Accent Offers Localization Software for Translators

PR Newswire, p0707DATU035

July 7, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 395

TEXT:

Makes Translating Text Easier, Quicker and Less Expensive
COLORADO SPRINGS, Colo., July 7 /PRNewswire/ -- Accent Software International, Ltd., (Nasdaq: ACNTF and ACNUF) announced today that it is offering to translators a tool that seamlessly integrates into Accent's Loc@le product line. Loc@le for Translators, a companion product to Loc@le is now available free of charge from Accent's web site at <http://www.accentsoft.com>. The tool allows human translators to easily perform translations on strings of text that need to be converted into other languages and integrates the results with Accent's Loc@le product to create a localized version of software or text.

"By making tools for translators easily accessible through our web site, Accent's localization information system can more easily be leveraged by customers that have international product needs," stated Todd Oseth, Accent's President & CEO. "Loc@le for Translators is just the beginning of our product offerings to reduce language barriers for international products and help reduce the costs of localization," continued Oseth.

Accent recently announced strategic partnerships with Lernout & Hauspie (Nasdaq: LHSPF) and Alpnet (Nasdaq: AILP) both of which have access to thousands of human translators that can now benefit from the use of Loc@le for Translators.

This press release contains historical information and forward looking statements. Statements looking forward in time are included pursuant to the "safe harbor" provision of the Private Securities Litigation Reform Act of 1995. Such statements involve known and unknown risks and the Company's actual results in the future periods may be materially different from any future performance suggested herein.

About Accent Software International, Ltd.

Accent **Software** International is a provider of **software** products and services for the **Language** information technology market which is the basis for **internationalizing** products and literature. Products and services are made available worldwide directly from the company, through manufacturing representatives and through its global partners Lernout &

Hauspie and Alpnet. Accent was founded in 1988.

SOURCE: Accent Software International, Ltd.

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07/07/98

/CONTACT: Todd Oseth, President & CEO, 719-576-2603, or E-mail: toddo@accentsoft.com, or Bob Antoniazzi, Vice President Marketing, 719-579-3403, or E-mail: boba@accentsoft.com, both of Accent Software International, Ltd./

/Web Site: <http://www.accentsoft.com/>
(ACNTF ACNUF LHSPF AILP)

CO: Accent Software International, Ltd.; Lernout & Hauspie; Alpnet
ST: Colorado
IN: CPR TLS
SU: PDT

MT-AH

-- DATU035 --

4514 07/07/98 17:28 EDT <http://www.prnewswire.com>

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PUBLISHER NAME: PR Newswire Association, Inc.

COMPANY NAMES: *Accent Software International Ltd.

EVENT NAMES: *336 (Product introduction)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *7372412 (Word Processing Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

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41/5,K/33 (Item 7 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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01662165 Supplier Number: 50066836 (THIS IS THE FULLTEXT)

Lernout & Hauspie Enters Strategic Partnership With Language Information Technology Developer Accent Software International.

Business Wire, p06091507

June 9, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 1010

TEXT:

BURLINGTON, Mass. and COLORADO SPRINGS, Co.--(BUSINESS WIRE)--

June 9, 1998--

Alliance Will Leverage Combined Offering of Linguistic Expertise, Localization Software, Translation Technologies and Services to Stake a Strong Position in the Growing Localization Market

Lernout & Hauspie **Speech** Products (L&H) (Nasdaq:LHSPF) (Easdaq:LHSP.ED) worldwide market leader in **speech** and linguistic technologies, products and services, announced today that it has invested \$4 million in preferred stock and warrants in **language** information technology leader, Accent **Software** International (Nasdaq: ACNTF, ACNUF).

The investment, representing 24.5% of Accent's outstanding shares, will further the company's development of its localization and **globalization software** development tools and services. The agreement, considered a strategic, long-term partnership by both companies, will allow L&H and Accent to offer a complete solution of products and services for companies seeking to leverage information technology in the international marketplace.

As part of the agreement, L&H will gain a seat on Accent's board of directors to ensure a smooth integration of business strategy and product development plans. The investment, coupled with Accent's recent restructuring, is expected to enable Accent to better achieve its financial goals and allow the company to grow in L&H's strategic direction.

"Accent's localization and **globalization software** tools will enhance our human translation services nicely and complement our own efforts in L&H's **Language Technologies Division**," said Gaston Bastiaens, president and CEO of Lernout & Hauspie. "We expect Accent's advanced **software** will make our linguistic specialists more competitive and will strengthen our product offerings. This agreement is a win for all parties involved."

"Our tools and applications, combined with L&H's translation services and linguistic expertise, represents the most comprehensive package of multilingual technologies available to users and developers," said Todd Oseth, President and CEO of Accent Software International. "As international markets continue to expand, the demand for non-English products and information will rapidly increase. Companies are going to require sophisticated localization tools to reach new audiences via the Internet and traditional market channels. Our combined offerings will help companies overcome these language barriers."

"I invested in Accent Software because of its technology team, not just its technology," stated Esther Dyson, director of Accent and Chairman of EDventure Holdings. "Now I am really excited to see them leveraged by L&H's worldwide presence, technology, and marketing and sales expertise. It's a very promising combination."

Multilingual Development Tools for Localization

Accent develops language information technology products for many different media, including software applications, e-mail and web authoring. Its Global Development Kit (GDK) ties multilingual technologies together into an offering for developers that allows software products to be globalized with different language interfaces. The GDK product entails a custom application programming interface (API) and a globalization tools suite. Accent's latest offering, Loc@le, is an integrated suite of management and administration tools enabling the rapid localization of software. Accent plans to enhance this suite of offerings with new products and technologies that add multilingual products to additional English-based software offerings. In addition, Accent offers consultation services for companies that are uncomfortable dealing with multilingual user interfaces.

Comprehensive Localization and Translation Services

L&H's Translation Division, also known as L&H Mendez, is comprised of linguistic professionals who serve the entire spectrum of translation, localization and multilingual communications requirements for print or electronic publishing. The division, which has a strong presence in European markets, is the primary source of linguistic knowledge and expertise that drives technological innovation for new software products like iTranslator.

Multilingual Content Acquisition and Translation Applications

L&H recently announced a service, iTranslator (formerly codenamed Coronado), that dramatically simplifies and increases access to Web content for non-English speakers. The product provides fast, accurate and comprehensive Internet search and language translation for English, German, Spanish, and French languages. By using the topic-specific knowledge found in these dictionaries, the translation takes into account the given context, resulting in a higher readability level. For the highest accuracy, users can also submit text for human translation. The product is expected to ship this summer and is the first of several applications being developed using L&H's machine translation software.

About Lernout & Hauspie

Lernout & Hauspie Speech Products (L&H) is an international leader in

the development of advanced speech technology for various commercial applications and products. The Company is divided into four divisions: core speech technologies; dictation, a division dedicated to discrete and continuous speech offerings; translation services; and language technologies. Its four speech and linguistic technologies are automatic speech recognition (ASR), text-to-speech (TTS), digital speech compression and text-to-text (translation).

About Accent Software International

Accent Software International is a leading provider of multilingual solutions for software products. Founded in 1988, Accent has developed multilingual, word processors, Email, and Web page authoring products for the retail market, but has now redirected the company to combine these technologies together into an offering that allows software products to be localized and globalized with different language interfaces. In addition, consultation services are available for companies that are uncomfortable dealing with multilingual user interfaces.

This Press Release contains forward-looking information that involves risks and uncertainties, including statements regarding the partnership between Accent and L&H. There can be no assurance that this partnership will strengthen L&H's position in the localization, globalization or translation market; that L&H or Accent will manufacture, develop, and market any product including technologies of the other party; that products incorporating one party's technology will be successful.

The forward-looking statements contained herein speak only as of the date of this press release. L&H expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any such statement to reflect

any change in expectations or any change in events, conditions or circumstances on which any such statement is based.

All product names and trademarks mentioned herein are trademarks of L&H, Accent Software and their respective owners.

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PUBLISHER NAME: Business Wire

COMPANY NAMES: *Accent Software International; Lernout and Hauspie Speech Products N.V.

EVENT NAMES: *160. (Asset sales & divestitures); 150. (Acquisitions & mergers)

GEOGRAPHIC NAMES: *4EUUK (United Kingdom)

PRODUCT NAMES: *7372544 (Sound/Audio Software); 7372000 (Computer Software)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

... Software, Translation Technologies and Services to Stake a Strong Position in the Growing Localization Market

Lernout & Hauspie **Speech** Products (L&H) (Nasdaq:LHSPF) (Easdaq:LHSP.ED) worldwide market leader in **speech** and linguistic technologies, products and services, announced today that it has invested \$4 million in preferred stock and warrants in **language** information technology leader, Accent **Software** International (Nasdaq: ACNTF, ACNUF). The investment, representing 24.5% of Accent's outstanding shares, will

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"Accent's localization and **globalization software** tools will enhance our human translation services nicely and complement our own efforts in L&H's **Language Technologies Division**," said Gaston Bastiaens, president and CEO of Lernout & Hauspie. "We expect Accent's advanced **software** will make our linguistic specialists more competitive and will strengthen our product offerings. This agreement is a...

41/5,K/35 (Item 9 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
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01588874 Supplier Number: 48130061 (THIS IS THE FULLTEXT)

Accent's Global Development Kit Version 1.3 Now Shipping

PR Newswire, pl117DAM040

Nov 17, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 755

TEXT:

Globalization Product and Services Offering Provides A Complete Solution
For Producing Single Source, Single Binary, Executable, Multilingual
Applications That Run on Microsoft Windows and NT

LAS VEGAS, Nev., Nov. 17 /PRNewswire/ -- Today at Comdex, Accent Software International (Nasdaq: ACNTF) announced that it is now shipping version 1.3 of its Global Development Kit(TM) (GDK), a developer's tool for globalizing software applications. New features of the update include Microsoft Foundation Classes (MFC) support, Asian language localization support in Chinese, Japanese and Korean, and an interactive word-for-word translation tool. In addition, consulting services to perform the globalization are also made available.

According to Bob Antoniazzi, product manager, the package combines an advanced **application programming interface** (API's) with convenient **language** translation workbench tools. "The Global Development Kit adds total **functionality** via one executable and lets developers build a single binary that provides multilingual **functionality** for Microsoft Windows and NT **applications**," stated Antoniazzi. "The GDK allows for **software** developers to rapidly address the world market instead of single countries at a time." In addition to the package itself, the company offers a range of on-site training and consulting services for corporations and **software** developers that need **software globalization** and **language** translation services.

In addition to the APIs, libraries, and other assorted tools to help the engineer write globalized software, the GDK includes the Globalization Suite, a trio of Windows applications that helps automate and manage the task of translating the user interface into their choice of languages. Special attention has been given to easing the porting of legacy software. An improved porting tool is provided to enable the transition from a monolingual to a multilingual application.

Target Markets

Corporate developers. Nearly every successful large corporation is multinational. These companies create, maintain and distribute in-house solutions for thousands of users using possibly dozens of languages. GDK saves significantly in the development and ownership of multilingual products.

Independent Software Vendors. Because of competitive pressure and the growth of software markets around the world, many ISVs are offering products in an increasing number of languages. To reach those markets, however, ISVs must bear the high cost of developing proficiency in language and globalization issues. The typical pattern is to develop in one language, then localize into a few others until hitting the "ANSI barrier," at which point a serious rewrite is required. This retro-engineering is

often performed by a different group on a different schedule, or by handing off sources to a different company. The result is split source code, or in the best case separate binaries with little or no flexibility between languages. The GDK can help ISVs break out of the "international treadmill" and create products which are inherently enabled for all of their language requirements. The expertise in different Windows versions and language is built into the GDK libraries.

About Accent Software International Ltd.

Accent Software International, Ltd. is a provider of language solutions for software products in more than 30 languages and Internet automation products through its subsidiary, AgentSoft Ltd. Products and services are provided through direct, OEM and retail channels in most regions of the world. Accent Software was founded in 1988. AgentSoft was established in 1996.

About AgentSoft Ltd.

AgentSoft develops and markets sophisticated agent technology, agent development tools, and agent services and applications for the Internet and the corporate Intranet. The company also offers a service to clients needing customized agent development and solutions. AgentSoft's solution encompasses the full client-server potential of the Internet: client-side automation, server-side agents, interactions between a server agent and multiple client agents, and interactions between multiple client agents.

Accent Software International, Ltd., 2864 South Circle Drive, Suite 340, Colorado Springs, CO, 80906, Phone: 719-576-2610, or fax: 719-576-2604, or e-mail: gdk@accentsoft.com, web site: <http://www.accentsoft.com>.

Accent is a trademark of Accent Software International Ltd. Other names may be trademarks of their respective companies.

SOURCE Accent Software International

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11/17/97

/NOTE TO EDITORS: Members of the media who would like a press kit should contact Cecil Newberry at, Alan Weinkrantz And Company, 210-820-3070 ext. 102, e-mail: cecil@weinkrantz.com.

/CONTACT: Company: Bob Antoniazzi, Product Manager, of Accent Software International, 719-579-3403, boba@accentsoft.com; or PR Agency: Alan Weinkrantz, of Alan Weinkrantz & Company, 210-820-3070 ext. 103, alan@weinkrantz.com, for Accent Software International/

/Company News On-Call: <http://www.prnewswire.com> or fax, 800-758-5804, ext. 122429/

/Web site: <http://www.accentsoft.com/>
(ACNTF)

CO: Accent Software International
ST: Colorado, Nevada
IN: CPR
SU: PDT

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INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

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TICKER SYMBOLS: ACNTF

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41/5,K/36 (Item 10 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
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01568493 Supplier Number: 47967191

Accent Software International Announces Version 1.3 Of Its Global Development Kit

PR Newswire, p0908DAM021

Sept 8, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 704

Globalization Product and Services Offering Provides A Complete Solution For

Producing Single Source, Single Binary, Executable, Multilingual Applications

That Run On Microsoft Windows and NT

ANAHEIM, Calif., Sept. 8 /PRNewswire/ -- Today at the Visual C++ Developer's Conference, Accent Software International (NASDAQ: ACNTF) announced version 1.3 of its Global Development Kit(TM) (GDK), a developer's tool for globalizing software applications. New features of the update include Microsoft Foundation Classes (MFC) support, Asian language localization support in Chinese, Japanese and Korean, and an interactive word- for-word translation tool. In addition, consulting services to perform the globalization are also made available.

According to Bob Antoniazzi, product manager, the package combines an advanced **application programming interface** (API's) with convenient **language** translation workbench tools. "The Global Development Kit adds total **functionality** via one executable and lets developers build a single binary that provides multilingual **functionality** for Microsoft Windows and NT **applications**," stated Antoniazzi. "The GDK allows for **software** developers to rapidly address the world market instead of single countries at a time." In addition to the package itself, the company offers a range of on-site training and consulting services for corporations and **software** developers that need **software globalization** and **language** translation services.

In addition to the APIs, libraries, and other assorted tools to help the engineer write globalized software, the GDK includes the Globalization Suite, a trio of Windows applications that helps automate and manage the task of translating the user interface into their choice of languages. Special attention has been given to easing the porting of legacy software. An improved porting tool is provided to enable the transition from a monolingual to a multilingual application.

Target Markets

Corporate developers. Nearly every successful large corporation is multinational. These companies create, maintain and distribute in-house solutions for thousands of users using possibly dozens of languages. GDK saves significantly in the development and ownership of multilingual products.

Independent Software Vendors. Because of competitive pressure and the growth of software markets around the world, many ISVs are offering products in an increasing number of languages. To reach those markets, however, ISVs must bear the high cost of developing proficiency in language

and globalization issues. The typical pattern is to develop in one language, then localize into a few others until hitting the "ANSI barrier," at which point a serious rewrite is required. This retro-engineering is often performed by a different group on a different schedule, or by handing off sources to a different company. The result is split source code, or in the best case separate binaries with little or no flexibility between languages. The GDK can help ISVs break out of the "international treadmill" and create products which are inherently enabled for all of their language requirements. The expertise in different Windows versions and language is built into the GDK libraries.

About Accent Software International Ltd.

Accent Software International, Ltd. is a provider of language solutions for software products in more than 30 languages and Internet automation products through its subsidiary, AgentSoft Ltd. Products and services are provided through direct, OEM and retail channels in most regions of the world. Accent Software was founded in 1988. AgentSoft was established in 1996.

About AgentSoft Ltd.

AgentSoft develops and markets sophisticated agent technology, agent development tools, and agent services and applications for the Internet and the corporate Intranet. The company also offers a service to clients needing customized agent development and solutions. AgentSoft's solution encompasses the full client-server potential of the Internet: client-side automation, server-side agents, interactions between a server agent and multiple client agents, and interactions between multiple client agents.

Accent Software International Ltd., 2864 South Circle Drive, Suite 340, Colorado Springs, CO, 80906, Phone: 719-576-2610, or fax: 719-576-2604, or e-mail: gdk@accentsoft.com, web site: www.accentsoft.com.

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SOURCE Accent Software International

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09/08/97

/CONTACT: Bob Antoniazzi, Product Manager of Accent Software Software, 719-576-3403, e-mail, boba@accentsoft.com PR AGENCY: Alan Weinkrantz of Alan Weinkrantz and Company, 210-820-3070 ext. 103, e-mail, alan@weinkrantz.com/

(ACNTF)

CO: Accent Software International, AgentSoft Ltd.
ST: California, Colorado
IN: CPR
SU: PDT

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DIALOG(R) File 621:Gale Group New Prod.Annou.(R)

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01547513 Supplier Number: 47812530

Uniscape Ships DesignAssist for Oracle Developers

PR Newswire, p702SFW004

July 2, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 724

Product Adds New Functionality to Oracle's Designer/2000 Software Engineering

Tool

REDWOOD SHORES, Calif., July 2 /PRNewswire/. -- Uniscape(R) today announced DesignAssist(TM) Version 1.6, an add-on template, library and preferences package for Oracle's Designer/2000 Forms 4.5 application generator. DesignAssist enhances the functionality and usability of Designer/2000 applications by providing end users with flexible data and query management features. DesignAssist also enhances the productivity of application developers by providing powerful debugging and tracing aids as well as generating a variety of screen layouts. By extending the capabilities of Designer/2000, DesignAssist enables developers to build, deploy and maintain client/server applications more easily.

"Designer/2000 is a great product in its own right, but adding DesignAssist gives you Designer/2000 on steroids," said Robert Russell, senior database engineer at Mpath Interactive, a DesignAssist customer. "DesignAssist not only makes it faster and easier to create client/server applications, but it also makes it easier to maintain those applications as business requirements evolve. The product offers many great features with minimal overhead."

DesignAssist Provides Powerful Information Management and Ease-of-Use Features

One of the fundamental goals of DesignAssist is to help Designer/2000 users retrieve more useful information from their applications. DesignAssist enables users to export data from Oracle Forms screens into the software package of their choice -- such as a word processor or spreadsheet. The product also allows users to dynamically change the order of data displayed in a block at runtime, and perform ad-hoc summary queries (minimum, maximum, count and total), all within Oracle Forms 4.5 data entry screens.

"The primary purpose of an application is not to store information, its purpose is get the information back out," said Scott Hollows, Uniscape's product development manager for DesignAssist. "With this goal in mind, DesignAssist provides enhanced data and query management features that extend the standard Forms 4.5 query facility. With more flexible access to information, end users make better decisions and solve problems faster."

In addition to enhanced information management, DesignAssist delivers numerous features that improve developer productivity. The product includes advanced templates for generating forms, "list of values" modules and menus. DesignAssist also provides developers with a wide variety of new preference settings for screen layout styles and monitor sizes.

Pricing and Availability

DesignAssist Version 1.6 is available immediately for \$3,900 per user; volume discount pricing is also available. A Power Point presentation describing DesignAssist feature set is currently available for download from Uniscape's Web site at www.uni-scape.com. For sales information,

contact Uniscape directly at 415-596-1430.

Uniscape Augments DesignAssist with Oracle RDBMS Consulting Services

In addition to DesignAssist, Uniscape also provides Oracle developers with expert consulting services in the areas of Designer/2000 Forms generation and client/server performance tuning. Uniscape's Professional Services Division is led by Scott Hollows, product development manager for DesignAssist and one of the world's leading experts in Oracle's Designer/2000 software engineering tool. Prior to joining Uniscape, Hollows was a senior principal and the author of several technical seminars at Oracle Corporation. At Uniscape, Hollows oversees the consulting organization and leads seminars on Designer/2000 implementation. For a listing of seminar topics and dates, contact Uniscape directly at 415-596-1430.

About Uniscape, Inc.

Based in Redwood Shores, California, Uniscape provides **software** companies with products and services that dramatically reduce the time and expense of delivering products to global markets. Uniscape's also provides Global C, a **software** product that allows **software** developers to create single-source-code **applications** that support all major platforms and spoken **languages**. The company also provides **software globalization** and Oracle RDBMS consulting and training services. Uniscape is a member of Sun Catalyst, the Microsoft Developer Network and Hewlett Packard's PA-RISC Developer **Program**. More information about Uniscape is available on the Internet at www.uni-scape.com.

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SOURCE Uniscape Inc.

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07/02/97

/CONTACT: Allison Niday, 408-439-0977, or aniday@earthlink.net, or Susan Nicolls, 904-531-9048, or susan@nerds.com, both of Impact Communications for Uniscape Inc./

(ORCL)

CO: Uniscape Inc.; Oracle Corporation
ST: California
IN: CPR MLM
SU: PDT

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INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

TICKER SYMBOLS: ORCL

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NOTE: Uniscape is...

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01346065 Supplier Number: 46139011 (THIS IS THE FULLTEXT)

PLS brings powerful search tools to international market.

Business Wire, p02121442

Feb 12, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 645

TEXT:

ROCKVILLE, Md.--(BUSINESS WIRE)--Feb. 12, 1996--Personal Library Software Inc. (PLS) announced Monday a major enhancement of its core search technology, bringing to the international marketplace the same scalable capabilities found in leading U.S. online and World Wide Web information services.

The latest release of PLS's Callable Personal Librarian (CPL)™, a powerful Application Programmer's Interface (API) tool kit for content-based retrieval, brings European and Asian publishers the same flexible development environment enjoyed for years by PLS's English-speaking information industry partners.

CPL's industrial-strength technology is the backbone of many of the largest online services and some of the most heavily-trafficked Web sites.

Early Users Impressed

"America Online is deeply committed to the International community. A vital feature of our overseas services is that they fully support local **language** and content," noted Barry Appelman, vice president of Systems and Advanced Technology at America Online, which uses PLS **software** to search more than four hundred content areas on the AOL service. "PLS has done a great job of **internationalizing** its search tools -- which has helped us build our international operations quickly and effectively."

"PLS's foreign language support should reinforce their reputation for delivering the widest collection of valuable features in a proven, mature technology," said Robert Raisch, chief scientist of The Internet Company, a leading supplier of Internet services and technology that uses PLS software to support several prominent U.S. and international web publishers. "PLS tools provide our users with the power and flexibility to reach the information they care about. PLS technology is simply the best on the market today."

"We are committed to expanding our international customer base and working with top-flight publishers, VARs and integrators around the world," said PLS president Dr. Matthew Koll. "CPL technology is already at work supporting the European online and corporate communities by making it easy for users to search databases compiled in a variety of languages.

"In addition, we're expanding our support for the Asian community. During 1996 we will be releasing extended features for the European community and introducing a full-featured API supporting the Asian community, starting with Japanese language capabilities."

About CPL

CPL enables information providers to develop custom retrieval systems to manage full text, structured data, hypertext, forms-based searching and multimedia applications. CPL is highly extensible and customizable; its open architecture supports a wide range of development environments, and it is particularly well-suited for C and C++ developers.

CPL's object-oriented API lets developers quickly and easily design and implement indexing, search and retrieval applications tailored to their organization's needs -- ranging from consumer multimedia titles, to corporate Intranets, as well as to the largest interactive services.

CPL is available for most major servers and personal computers, including Silicon Graphics, Hewlett-Packard, Digital, Sun, IBM, Apple,

Windows, Win95, and Windows NT with built-in support for French, Spanish, Italian, German and Dutch, plus Japanese on Macintosh.

Language support includes lexical tools for identifying matches in word roots, flexible word identification rules, and culturally correct sorting.

About PLS

Personal Library Software Inc. is the leading supplier of information retrieval software for use on the Web, on-line services and CD-ROM. The PLS family of products, introduced in 1983, is used by several thousand organizations and several million individuals in electronic publishing as well as in workgroup and enterprise applications.

PLS technology is at the core of products and services from leading information companies, including AT&T, Bertelsmann, Financial Times Information Services, Dow Jones, Prodigy, Thomson Corp., Knight-Ridder, the Associated Press, IBM, Open Market, and Illustra.

PLS can be reached at its headquarters at 2400 Research Blvd., Rockville, Md. 20850, 301/990-1155. PLS can also be reached via the Internet at <http://www.pls.com> or info@pls.com. -0- CPL is a trademark of Personal Library Software, Inc. All other trademarks are the property of their respective holders.

CONTACT: Personal Library Software
David Macdonald, 301/990-1155
info@pls.com

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PRODUCT NAMES: *7372510 (Software Development Tools)

INDUSTRY NAMES: BUS (Business, General); BUSN (Any type of business)

NAICS CODES: 51121 (Software Publishers)

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DIALOG(R) File 636:Gale Group Newsletter DB(TM)

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03970319 Supplier Number: 53005192 (THIS IS THE FULLTEXT)

UNISCAPE: Uniscape announces new solution for automating management of software localization process.

M2 Presswire, pNA

August 26, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 590

TEXT:

M2 PRESSWIRE-26 August 1998-UNISCAPE: Uniscape announces new solution for automating management of software localization process (C)1994-98 M2

COMMUNICATIONS LTD

RDATE:170898

Global Xchange Enterprise Localization Management System (ELMS)
Improves Software Localization Process by Allowing Companies to Track and Manage Multiple Product Releases in 49 Languages

Uniscape, a leading provider of **software globalization** solutions, announced today the release of its new Global Xchange Enterprise Localization Management System (ELMS). GlobalXchange ELMS is a Web-enabled,

object-oriented solution that provides companies with the ability to simplify and automate the localization process of translating **software** products into foreign **languages** for global distribution. A recent report written by International Data Corporation (IDC) analyst, Kathleen Hendrick stated, "Global Xchange is the most recent addition to the Uniscape suite of products. Designed to enable **software** organizations to effectively manage localization and optimize translation processes, Global Xchange offers a myriad of well-conceived product features." Global Xchange ELMS is a comprehensive localization management solution that enables companies to manage and reuse vital corporate investments contained in translated documentation and **software**. It features a highly scalable translation and project management repository which retains previously performed translations and includes a database for vendor management, project scheduling, automated requests for quotation, contract generation, and real time status reporting on the Web. The system enables project managers throughout the organization to have the most updated information on any project at any time through a Web browser, desktop **application** or Global Xchange client. Additionally, GlobalXchange ELMS serves as a rules-based process-flow automation tool that tracks exceptions, project schedules and costs, and supports 49 **languages** in a single database within a global network. Global Xchange ELMS provides a fast return on investment by enhancing operational efficiencies, improving localized product quality and accelerating time to market.

"Global Xchange ELMS is based on the concept that software applications, Web documents, documentation and their associated processes are in a constant state of change," said Alex Pressman, president of Uniscape. "When these components are translated into multiple languages, they increase the complexity of tracking changes and managing the localization process exponentially. By integrating GlobalXchange ELMS into the production flow, companies are better able to coordinate multiple translators working on multiple projects across global networks. Global Xchange serves as a fundamental component for ensuring a global competitive advantage."

Features of Global Xchange ELMS include: -- Enterprise level scalability -- Network and multi-user capability -- HTML project and schedule reporting -- Workflow automation with email alert system -- Problem tracking database system -- Project schedule tracking and reporting system -- Automatic glossary generation -- On-line and off-line in-country translation support -- Translation memory reuse optimization -- Translation consistency integrity check

Pricing and Availability: Global Xchange ELMS is available immediately. Please contact Uniscape for pricing information.

ABOUT UNISCAPE Uniscape was formed in 1996 to help software developers and companies automate and optimize their globalization process. Uniscape's full line of products include Uniscape's Global C, Global Checker, and GlobalXchange. By augmenting its products with consulting and training services, Uniscape enables leading software companies to accelerate product globalization and increase international revenues. More information about Uniscape is available on the Internet at www.uni-scape.com. For sales information and seminar schedules, please contact Uniscape directly at (650) 596-1430.

Note: Uniscape is a registered trademark of Uniscape, Inc. Global C, GlobalChecker and Global Xchange are trademarks of Uniscape, Inc.

CONTACT: Paula Phelan, Nadel Phelan, Inc. Tel: +1 408 439-5570 x 222 e-mail: paula@nadelphelan.com Linda Kim, Uniscape Tel: +1 650 596-1430 x 225 e-mail: lkim@uni-scape.com

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03898420 Supplier Number: 50064502 (THIS IS THE FULLTEXT)

-LERNOUT & HAUSPIE: L&H enters strategic partnership with Accent Software International

M2 Presswire, pN/A
June 10, 1998

Language: English. Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1000

TEXT:

M2 PRESSWIRE-10 June 1998-LERNOUT & HAUSPIE: L&H enters strategic partnership with **language** information technology developer Accent **Software International** (C)1994-98 M2 **COMMUNICATIONS LTD** RDATE:090698 Alliance Will Leverage Combined Offering of Linguistic Expertise, Localization **Software**, Translation Technologies and Services to Stake a Strong Position in the Growing Localization Market Lernout & Hauspie **Speech Products** (L&H) (Nasdaq: LHSPF, Easdaq: LHSP-ED) worldwide market leader in **speech** and linguistic technologies, products and services, announced today that it has invested \$4 million in preferred stock and warrants in **language** information technology leader, Accent **Software International** (Nasdaq: ACNTF, ACNUF). The investment, representing 24.5% of Accent's outstanding shares, will further the company's development of its localization and **globalization software** development tools and services. The agreement, considered a strategic, long-term partnership by both companies, will allow L&H and Accent to offer a complete solution of products and services for companies seeking to leverage information technology in the international marketplace. As part of the agreement, L&H will gain a seat on Accent's board of directors to ensure a smooth integration of business strategy and product development plans. The investment, coupled with Accent's recent restructuring, is expected to enable Accent to better achieve its financial goals and allow the company to grow in L&H's strategic direction. "Accent's localization and **globalization software** tools will enhance our human translation services nicely and complement our own efforts in L&H's **Language Technologies Division**," said Gaston Bastiaens, president and CEO of Lernout & Hauspie. "We expect Accent's advanced **software** will make our linguistic specialists more competitive and will strengthen our product offerings. This agreement is a win for all parties involved." "Our tools and

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applications , combined with L&H's translation services and linguistic expertise, represents the most comprehensive package of multilingual technologies available to users and developers," said Todd Oseth, President and CEO of Accent **Software** International. "As international markets continue to expand, the demand for non-English products and information will rapidly increase. Companies are going to require sophisticated localization tools to reach new audiences via the Internet and traditional market channels. Our combined offerings will help companies overcome these **language** barriers." "I invested in Accent **Software** because of its technology team, not just its technology," stated Esther Dyson, director of Accent and Chairman of EDventure Holdings. "Now I am really excited to see them leveraged by L&H's worldwide presence, technology, and marketing and sales expertise. It's a very promising combination." Multilingual Development Tools for Localization Accent develops **language** information technology products for many different media, including **software applications** , e-mail and web authoring. Its Global Development Kit (GDK) ties multilingual technologies together into an offering for developers that allows **software** products to be globalized with different **language interfaces** . The GDK product entails a custom **application programming interface** (API) and a globalization tools suite. Accent's latest offering, Loc@le, is an integrated suite of management and administration tools enabling the rapid localization of **software** . Accent plans to enhance this suite of offerings with new products and technologies that add multilingual products to additional English-based **software** offerings. In addition, Accent offers consultation services for companies that are uncomfortable dealing with multilingual user **interfaces** . Comprehensive Localization and Translation Services L&H's Translation Division, also known as L&H Mendez, is comprised of linguistic professionals who serve the entire spectrum of translation, localization and multilingual **communications** requirements for print or electronic publishing. The division, which has a strong presence in European markets, is the primary source of linguistic knowledge and expertise that drives technological innovation for new **software** products like iTranslator. Multilingual Content Acquisition and Translation **Applications** L&H recently announced a service, iTranslator (formerly codenamed Coronado), that dramatically simplifies and increases access to Web content for non-English speakers. The product provides fast, accurate and comprehensive Internet search and **language** translation for English, German, Spanish, and French **languages** . By using the topic-specific knowledge found in these dictionaries, the translation takes into account the given context, resulting in a higher readability level. For the highest accuracy, users can also submit text for human translation. The product is expected to ship this summer and is the first of several **applications** being developed using L&H's machine translation **software** . About Lernout & Hauspie Lernout & Hauspie **Speech** Products (L&H) is an international leader in the development of advanced **speech** technology for various commercial **applications** and products. The Company is divided into four divisions: core **speech** technologies; dictation, a division dedicated to discrete and continuous **speech** offerings; translation services; and **language** technologies. Its four **speech** and linguistic technologies are automatic **speech** recognition (ASR), text-to- **speech** (TTS), digital **speech** compression and text-to-text (translation). About Accent **Software** International Accent **Software** International is a leading provider of multilingual solutions for **software** products. Founded in 1988, Accent has developed multilingual, word processors, Email, and Web page authoring products for the retail market, but has now redirected the company to combine these technologies together into an offering that allows **software** products to be localized and globalized with different **language interfaces** . In addition, consultation services are available for companies that are uncomfortable dealing with multilingual user **interfaces** . This Press Release contains forward-looking information that involves risks and uncertainties, including statements regarding the partnership between Accent and L&H. There can be no assurance that this partnership will strengthen L&H's position in the localization, globalization or translation market; that L&H or Accent will manufacture, develop, and market any product including technologies of the other party; that products incorporating one party's technology will be successful The forward-looking statements contained herein speak only as of the date of this press

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TEXT:

M2 PRESSWIRE-10 June 1998-LERNOUT & HAUSPIE: L&H enters strategic partnership with **language** information technology developer Accent **Software** International (C)1994-98 M2 **COMMUNICATIONS** LTD RDATE:090698 Alliance Will Leverage Combined Offering of Linguistic Expertise, Localization **Software**, Translation Technologies and Services to Stake a Strong Position in the Growing Localization Market Lernout & Hauspie **Speech** Products (L&H) (Nasdaq: LHSPF, Easdaq: LHSP-ED) worldwide market leader in **speech** and linguistic technologies, products and services, announced today that it has invested \$4 million in preferred stock and warrants in **language** information technology leader, Accent **Software** International (Nasdaq: ACNTE, ACNUF). The investment, representing 24.5% of Accent's outstanding shares, will further the company's development of its localization and **globalization software** development tools and services. The agreement, considered a strategic, long-term partnership by both companies, will allow...

...goals and allow the company to grow in L&H's strategic direction. "Accent's localization and **globalization software** tools will enhance our human translation services nicely and complement our own efforts in L&H's **Language** Technologies Division," said Gaston Bastiaens, president and CEO of Lernout & Hauspie. "We expect Accent's advanced **software** will make our linguistic specialists more competitive and will strengthen our product offerings. This agreement is a win for all parties involved." "Our tools and **applications**, combined with L&H's translation services and linguistic expertise, represents the most comprehensive package of multilingual technologies available to users and developers," said Todd Oseth, President and CEO of Accent **Software** International. "As international markets continue to expand, the demand for non-English products and information will rapidly..."

...new audiences via the Internet and traditional market channels. Our combined offerings will help companies overcome these **language** barriers." "I invested in Accent **Software** because of its technology team, not just its technology," stated Esther Dyson, director of Accent and Chairman...

...marketing and sales expertise. It's a very promising combination." Multilingual Development Tools for Localization Accent develops **language** information technology products for many different media, including **software applications**, e-mail and web authoring. Its Global Development Kit (GDK) ties multilingual technologies together into an offering for developers that allows **software** products to be globalized with different **language interfaces**. The GDK product entails a custom **application programming interface** (API) and a globalization tools suite. Accent's latest offering, Loc@le, is an integrated suite of management and administration tools enabling the rapid localization of **software**. Accent plans to enhance this suite of offerings with new products and technologies that add multilingual products to additional English-based **software** offerings. In addition, Accent offers consultation services for companies that are uncomfortable dealing with multilingual user **interfaces**. Comprehensive Localization and Translation Services L&H's Translation Division, also known as L&H Mendez, is comprised of linguistic

professionals who serve the entire spectrum of translation, localization and multilingual **communications** requirements for print or electronic publishing. The division, which has a strong presence in European markets, is the primary source of linguistic knowledge and expertise that drives technological innovation for new **software** products like iTranslator. Multilingual Content Acquisition and Translation **Applications** L&H recently announced a service, iTranslator (formerly codenamed Coronado), that dramatically simplifies and increases access to Web content for non-English speakers. The product provides fast, accurate and comprehensive Internet search and **language** translation for English, German, Spanish, and French **languages**. By using the topic-specific knowledge found in these dictionaries, the translation takes into account the given...

...for human translation. The product is expected to ship this summer and is the first of several **applications** being developed using L&H's machine translation **software**. About Lernout & Hauspie Lernout & Hauspie **Speech** Products (L&H) is an international leader in the development of advanced **speech** technology for various commercial **applications** and products. The Company is divided into four divisions: core **speech** technologies; dictation, a division dedicated to discrete and continuous **speech** offerings; translation services; and **language** technologies. Its four **speech** and linguistic technologies are automatic **speech** recognition (ASR), text-to-**speech** (TTS), digital **speech** compression and text-to-text (translation). About Accent **Software** International Accent **Software** International is a leading provider of multilingual solutions for **software** products. Founded in 1988, Accent has developed multilingual, word processors, Email, and Web page authoring products for...

...market, but has now redirected the company to combine these technologies together into an offering that allows **software** products to be localized and globalized with different **language** **interfaces**. In addition, consultation services are available for companies that are uncomfortable dealing with multilingual user **interfaces**. This Press Release contains forward-looking information that involves risks and uncertainties, including statements regarding the partnership and trademarks mentioned herein are trademarks of L&H, Accent **Software** and their respective owners. *M2 **COMMUNICATIONS** DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN M2 PRESSWIRE. DATA SUPPLIED BY NAMED PARTY/PARTIES.*

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Strategic Thinking. (from Royal Bank of Canada's Martin Lippert) (Company Operations)
REDMAN, RUSSELL
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TICKER SYMBOLS: RY
TRADE NAMES: Virtual Financial Manager 4.0 (Financial analysis software)
SPECIAL FEATURES: INDUSTRY; COMPANY

... re in the process of something that we internally call Project Discovery, which is taking the S1 **software** and **'internationalizing'** it -- putting multicurrency and foreign **language** capabilities into it.

BS+T: How long has Royal Bank been offering Internet banking?

LIPPERT: Since April...

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Japan makes development overture

Computing Canada, p25

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Language: English Record Type: Abstract

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ABSTRACT:

Japan: The 'information service' industry, including **software** development, needs additional expertise and is eager for collaboration with Canadian developers, according to a **speech** by Tomoo Takahara, chairman of the Japanese Information Service Industry Association at a Softworld conference in Vancouver. Japan exports very little **software**, and in fact 70% of the databases available come from abroad. The market for **software** has been growing at an average rate of 24.3%/yr in the period 1980-1990, according to figures from the Ministry of Intl Trade and Industry, with information service industry sales in 1990 totaling \$42 bil. Packaged **software** is not as popular in Japan as elsewhere, and the industry has concentrated on the domestic market, in part because of **language** differences, and in part because of vigorous domestic market growth. Developers are beginning to turn some attention to **internationalizing** their products and pursuing export markets of late.

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